inibap

Musalogue

A catalogue of *Musa* germplasm

Diversity in the genus *Musa*

Jeff Daniells, Christophe Jenny, Deborah Karamura and Kodjo Tomekpe

CTA

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Queensland Government
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NARO



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- To promote and strengthen collaboration and partnerships in banana-related research activities at the national, regional and global levels
- To strengthen the ability of NARS to conduct research and development activities on bananas and plantains
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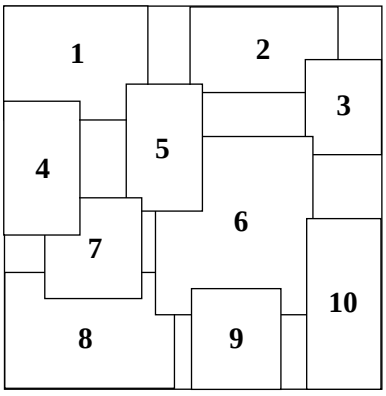
This catalogue of *Musa* germplasm covers the entire *Musa* genus. The information contained herein is the result of close collaboration with a number of genebank curators and researchers from around the world. In this respect, INIBAP is particularly grateful to Christophe Jenny (CIRAD-FLHOR, Guadeloupe), Kodjo Tomekpe (CRBP, Cameroon), Jeff Daniells (QDPI, Australia) and Deborah Karamura (NARO, Uganda), for their untiring help in providing information and photographs for this volume. The publication also includes information from NRCB, India, extracted from MGIS. For this, INIBAP acknowledges the work of Uma Subbaraya.

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Editors' note

Classifications and characterizations are those proposed by the relevant genebank curators, based on the best presently available information. INIBAP welcomes comments and suggestions for additional information, and may publish new and/or revised cards in the future.



Cover photos:

1. Bluggoe, ABB *(*J.-P. Horry)
2. *Musa schizocarpa*, Eumusa (S. Sharrock)
3. Hua Mao, Maia Maoli/Popoulu, AAB (J.-P. Horry)
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8. Diversity of male buds (J.-P. Horry)
9. Pisang Lilin, AA (J.-P. Horry)
10. Udiwasi, AA (S. Sharrock)

Diversity in the genus *Musa*

A publication with an educational purpose

Foreword

This is the second edition of *Musa*logue to be published by INIBAP[1]. This *Musa*logue covers most of the diversity in the genus *Musa* and is intended to be educational in nature. Through this publication, INIBAP aims to inform a wide audience about the vast range of diversity to be found in both cultivated bananas and their wild relatives.

The publication is divided into two parts. The first part focuses on the wild species, covering the sections Eumusa, Australimusa, Callimusa and Rhodochlamys, while the second part provides information on cultivated varieties (cultivars). A list of the species and main groups and subgroups of cultivars in the genus *Musa* is provided on page ix-xi (international classification). It should be noted that this publication does not cover the closely related genus *Ensete*, the only other genus in the family *Musaceae*. Furthermore, a number of other little known and unconfirmed species are not mentioned in the list of species provided on page ix. These include *Musa rubra*, *M. angorensis*, *M. splendida*, *M. tuberculata* and *M. manii*, all of which are thought to be members of either the section Rhodochlamys or the section Callimusa, but which have not yet been definitively characterized or classified. Another species sometimes classified in the genus *Musa* which is not included is *Musella lasiocarpa*, or 'ground lotus'. The classification of this species is still the subject of some controversy, with some taxonomists believing the plant to be an anomaly in either *Musa* or *Ensete*. It has therefore been suggested that *Musella* be raised to the status of a separate genus. More information on this species is available from the following web site:

http://www.users.globalnet.co.uk/~drc/musellalasiocarpa.htm

The second part of the publication focuses on the diversity of cultivated bananas. In this respect, two groups of cultivars are considered particularly important. These are the East African Highland bananas and the true Plantains. Special sections are devoted to each of these groups in an effort to ensure that the diversification to be found within these groups is adequately represented.

Each entry in the catalogue is represented by a photograph and a morpho-taxonomic description of the plant in the field based on the "Descriptors for Banana", published by IPGRI/INIBAP and CIRAD[2]. Photographs and descriptions (characterization data) for each accession were collected by genebank curators of participating research institutions and the data entered into the *Musa* Germplasm Information System (MGIS). This publication has been developed by extracting the relevant data from the MGIS database and is therefore a direct output of MGIS. It is known that the "behaviour" of a species or a cultivar may vary from one site to another, as the expression of morphological characters is sensitive to the environment. Therefore, details of the environment of the germplasm collections where the species or the cultivars were observed are provided at the beginning of the document. The morphological characteristics or 'descriptors' used to describe each entry in the *Musa*logue are explained using a series of taxonomic drawings which can also be found on pages xvii-xix. Further details of the descriptors used are available in the publication 'Descriptors for Banana'.

The publication also includes a section providing information on the classification of bananas and the origins of genetic diversity in the genus *Musa*. This information is supplemented by a list of relevant references and suggested further reading materials for those interested in learning more about *Musa*

1 First edition: *Musa*logue, a catalogue of *Musa* germplasm, Papua New Guinea Collecting missions, 1988-1989. INIBAP, ACIAR, 1997.

2 Descriptors for Banana (*Musa* spp.). IPGRI-INIBAP, CIRAD, 1996.

diversity. Finally, a glossary of relevant terminology is provided at the end of the document.

While every effort has been made to ensure that the records included in this *Musa*logue are as complete as possible, some gaps do exist. In cases where photographs of accessions were available without characterization data, it was decided to include the photograph alone. However, for some of the species and cultivars listed on pages ix-xi, neither photographs nor descriptions were available. These are therefore missing from the publication.

We hope that this present publication will be of interest not only for *Musa* researchers but also for teachers, students and extension workers who wish to know more about the diversity of bananas and plantains.

Classification and origin of diversity in the genus *Musa*

The genus *Musa* is divided into four sections, the members of which include both seeded and non-seeded (parthenocarpic) types. Two of the sections contain species with a chromosome number of 2n = 20 (*Callimusa* and *Australimusa*) while the species in the other two sections (*Eumusa* and *Rhodochlamys*) have a basic chromosome number of 11 (2n = 22). In addition, there are three species for which the relevant section has yet to be determined: *M. ingens* (2n = 14), *M. lasiocarpa* (2n = ?) and *M. boman* (2n = ?) (Horry *et al*. 1997).

The majority of cultivated bananas arose from the *Eumusa* group of species. This section is the biggest in the genus and the most geographically widespread, with species being found throughout South East Asia from India to the Pacific Islands. The section contains some 11 species (Horry *et al*. 1997) (see list p. ix). Most cultivars are derived from two species, *Musa acuminata* (A genome) and *Musa balbisiana* (B genome). However, Shepherd and Ferreira (1982) identified cultivars derived from hybridizations with *M. schizocarpa* (S genome), and this was subsequently confirmed by Carreel *et al*. (1994). In addition, a Philippine clone (Butuhan) is considered to be the result of an ancient hybridization between *M. balbisiana* and *M. textilis* (T genome), several landraces containing the two genomes *acuminata* and species from the Australimusa section (T genome) and two landraces containing the three genomes, A, B and T have been found in Papua New Guinea (Carreel 1994).

Musa acuminata is the most widespread of the *Eumusa* species being found throughout the range of the section as a whole. Chromosome structural changes, which have occurred spontaneously, or as a result of recombination events, have resulted in the development of natural reproductive barriers within the species, causing subspecies divergence and genetic diversity in the species as a whole. Nine subspecies have been recognised (Horry *et al*. 1997) (see list p. ix). The centre of diversity of the species is thought to be either Malaysia (Simmonds 1962) or Indonesia (Nasution 1991, Horry *et al*. 1997).

Edibility of mature fruits of diploid *Musa acuminata* (AA) came about as a result of female sterility and parthenocarpy, and such edible types would no doubt have been selected and maintained by humans. Triploid AAA cultivars arose from these diploids, perhaps following crosses between edible diploids and wild *M. acuminata* subspecies, giving rise to a wide range of AAA genotypes. In most parts of South East Asia these triploids, which are more vigorous and have larger fruit, have replaced the original AA diploids. However in Papua New Guinea, AA diploids remain agriculturally significant and a wide range of diversity is still found in cultivation.

The diploid and triploid *M. acuminata* cultivars were taken by humans to areas where *M. balbisiana* is native (India, Myanmar, Thailand, Philippines) and natural hybridizations resulted in the formation of hybrid progeny with the genomes AB, AAB, and ABB (see list p. ix). The Indian subcontinent is thought to have been the major centre for hybridization of *acuminata* types with the indigenous *M. balbisiana* and the region is noted for the wide variety of AAB and ABB cultivars. *M. balbisiana* is considered to be more drought and disease resistant than *M. acuminata*, and such characteristics are often found in cultivars containing a 'B' genome. Hybridization would have given rise to a wide range of edible types of banana, some of which would have survived and been multiplied under domestication. Consequently, a diverse selection of cultivars of *Musa* is thought to have arisen in South East Asia along with the earliest developments of agriculture many thousands of years ago (Price 1995).

It is thought that the subsequent dispersal of edible bananas outside Asia was brought about solely by humans (Simmonds 1962) and the history of banana cultivation is therefore closely linked to the early movement of human populations. This early dispersal of banana cultivars resulted in the development of distinct sub-groups of varieties in different geographic locations. Secondary diversification within the major sub-groups of cultivated bananas is thought to have been the result of somatic mutations rather than sexual reproduction. Mutations affecting traits of economic or horticultural interest have been selected by farmers over the years and multiplied by vegetative propagation to produce morphotypes.

Movement eastwards resulted in the development of a distinct group of AAB bananas which are cultivated throughout the Pacific Islands. These are known as the Maia Maoli/Popoulu group and the

progenitors of these bananas are thought to have been carried eastwards by proto-Polynesians from an area in or near the Philippines more than 4000 years ago (De Langhe 1996, De Langhe and De Maret 1999). It is argued by some that bananas existed in South America in pre-Columbian times, and this is taken as evidence for early Polynesian contact with America (Langdon 1993).

A very distinct type of cooking banana (plantain AAB) is found growing in the wet tropical zones of West and Central Africa. Plantains are rare in much of Asia, with the exception of India, and their origin in Africa is shrouded in mystery. It is thought that they have been cultivated in this region for more than 3000 years, but the identity of the people responsible for such cultivation is unknown. It is possible that the same proto-Polynesians that carried the banana east to the Pacific islands, also carried it west to Africa. (De Langhe 1996) As dry suckers can survive storage for several months, long sea voyages would not have been a problem. Such a hypothesis fits with the finding that plantains must have reached Africa more than 3000 years ago. Evidence for the early cultivation of *Musa* in West Africa has recently been reported (Mbida *et al*. 2000) following the discovery of *Musa* phytoliths dated 840-350 BC.

Molecular analysis of a large number of plantain landraces using various techniques - random amplified polymorphic DNA (RAPD), restriction fragment length polymorphisms (RFLP) and sequence-tagged microsatellite markers (STMS) - indicates that most plantains have a very high level of genetic identity to one another (Carreel *et al.* 1994, Crouch *et al*. 1998, Howell 1994). This supports the suggestion that somatic mutations are responsible for the diversity of "morphotypes" of plantains now found in West Africa.

Another distinct group of bananas are found in the East African Highlands. These are thought to have been introduced between the 5th and 10th centuries and a wide range of unique varieties now exists here. This area of secondary diversity is clearly the work of East Bantu-speaking people (De Langhe 1996), but the origins of these bananas remains unclear. Molecular studies by Carreel (1994) revealed two types of A genomes in the East African Highland banana cultivars. One genome appears to come from *M. acuminata* ssp. *zebrina* (Indonesia) and the other from *M. acuminata* ssp. *banksii* (PNG). Therefore a direct origin from Indonesia could be proposed.

Finally, in the section Australimusa are a poorly understood group of parthenocarpic edible types, collectively known as Fe'i cultivars. These can be distinguished from other cultivated bananas by their erect fruit bunches and generally red sap. Fe'i bananas were originally distributed from the Molluccas to Hawaii and Tahiti. As well as providing a source of food, and fibre for ropes and weaving, a dark red dye could be extracted from the pseudostems of these bananas. Little is known about the origins of this crop, although various authors have speculated about possible wild ancestors. Simmonds (1956) suggests that *M. maclayi* is the most likely ancestor, while Cheesman (1950) notes their similarity to *M. lolodensis*. This latter view was backed up by evidence from an RFLP-based study by Jarret *et al.* (1992), which indicated that *M. lolodensis* was the closest wild relative of the Fe'i bananas. More recent studies on diversity within the Australimusa section however have shown that, while the Fe'i cultivars seem to be closest to the species *M. maclayi*, *M. peekelii* and *M. lolodensis*, diversity amongst these cultivars is as great as that within the section as a whole. The possibility of an interspecific origin for the Fe'i bananas cannot be excluded, but further studies are required before this can be confirmed (Carreel 1994).

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International classification

Genus	Section	Species/ groups	Subspecies/ subgroups	Page N°
MUSA				
	EUMUSA (2n=22)	**Wild species**		
		acuminata	*banksii*	3-5
			burmannica	6
			burmannicoides	7
			malaccensis	8-9
			microcarpa	10-11
			truncata	12
			siamea	13
			zebrina	14
			*errans**	
		balbisiana		15-17
		schizocarpa		18
		basjoo		19
		*itinerans**		
		*flaviflora**		
		*sikkimensis**		
		*cheesmani**		
		*nagensium**		
		*halabanensis**		
		*ochracea**		
	RHODOCHLAMYS (2n=22)	**Wild species**		
		laterita		23
		ornata		24
		sanguinea		25
		velutina		26
	CALLIMUSA (2n=20)	**Wild species**		
		coccinea		29
		violascens		30
		gracilis		31
		*borneensis**		
		*beccarii**		
		*salaccensis**		
	AUSTRALIMUSA (2n=20)			
		Wild species		
		maclayi	*maclayi var. maclayi*	35
		maclayi	*maclayi var. namatani*	36
		maclayi	*maclayi var. erecta**	
		maclayi	*ailuluai*	37
		peekelii	*peekelii*	38
		peekelii	*angustigemma*	39
		jackeyi		40
		lolodensis		41
		textilis		42
		*bukensis**		

* The species or the group is not represented in this *Musa*logue.

Genus	Section	Species/ groups	Subspecies/ subgroups	Page N°
	Incertae sedis	**Wild species**		
		ingens		45
		boman		46
		*lasiocarpa**		
MUSA				
	EUMUSA	**Cultivated varieties**		
		acuminata		
		AA	Sucrier	49
			Pisang Jari Buaya	50
			Pisang lilin	51
			Inarnibal	52
			Lakatan*****	
			Unknown	63-60
		AAA	Gros Michel	63-64
			Cavendish	65-68
			Red	69
			Ambon	71
			Ibota	72
			Mutika/Lujugira	75-97
			Orotava*****	
			Rio*****	
		AAAA		101
		acuminata* x *balbisiana		
		AB	Ney Poovan	105
			Kamaramasenge*****	
		AAB	Iholena	109
			Laknau	110
			Mysore	111
			Silk	112-113
			Pome	114
			Maia Maoli/Popoulu	115-118
			Pisang Nangka	119
			Pisang Raja	120
			Plantain	125-165
			Nendra Padaththi*****	
			Pisang Kelat*****	
			Nadan*****	
		ABB	Bluggoe	170
			Pisang Awak	171
			Monthan	172

* The species or the group is not represented in this *Mus*alogue.

Genus	Section	Species/ groups	Subspecies/ subgroups	Page N°
		ABB (cont.)	Kalapua	173-174
			Klue Teparod	175
			Saba	176-177
			Pelipita	178
			Ney Mannan*	
			Peyan*	
		AAAB*		
		AABB	'Laknau der'	181
		ABBB*		
		acuminata* x *schizocarpa		
		AS		185-188
	AUSTRALIMUSA	**Cultivated varieties**		
		Fe'i		191-194
	EUMUSA x AUSTRALIMUSA	**Cultivated varieties**		
		AT		197
		AAT		198-200
		ABBT		201-202

* The species or the group is not represented in this *Mus*alogue.

How to use this *Musa*logue

Name of the accession

Sample card

Collection: *Location where the description of the accession was performed*

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number: *Record no. in the MGIS database*
Genus:
Section: *Taxonomic classification*
Species/Group:
Subspecies/Subgroup:

Origin

Origin:
Province: *Information on the site where the plant was collected*
Exact location:
Collecting source:
Local/vernacular name (region/language):
Accession code: *Code given to the plant during the collecting missions*
Use of fruit: *Traditional use of the fruit: dessert, cooking, beer*

Morphotaxonomic descriptors

(For explanation see Figures on following pages)

Plant descriptors

See Fig. 1, 2, 3

Leaf habit: *See Fig. 1*
Pseudostem height [m] **:** *Recorded from base of pseudostem to emerging point of the peduncle*
Pseudostem aspect: *Determined by the circumference at 100 cm*
Pseudostem colour : *Without removing the external sheaths*
Pseudostem appearance: *Dull/waxy*
Pigmentation of the underlying pseudostem: *The tinge of the pigmentation*
Sap colour: *By cutting the external sheath of pseudostem*
Number of suckers: *> 30 cm height. See Fig. 2*
Development of suckers: *In relation to the parent plant*
Position of suckers: *In relation to the parent plant*
Blotches at the petiole base: *See Fig. 3*
Blotches colour:

Male flower

See Fig. 9 and 10

Compound tepal basic colour:
Compound tepal pigmentation:
Lobe colour of compound tepal: *See Fig. 9*
Free tepal appearance:
Style shape: *See Fig. 10*
Stigma colour:
Ovary basic colour: *See Fig. 9*
Ovary pigmentation:

Fruit

See Fig. 11, 12, 13, 14

Fruit position: *Only on fruits arranged symmetrically around stalk*
Number of fruits: *On the mid-hand of the bunch*
Fruit length [cm]**:** *Internal arc of the fruit*
Fruit shape: *See Fig. 11*
Transverse section of fruits: *See Fig. 12*
Fruit apex: *At distal end of the fruit. See Fig. 13*

Petiole/midrib /leaf

See Fig. 2, 3, 4

Petiole canal leaf III : *See Fig. 4*
Colour of midrib dorsal surface: *See Fig. 3*
Colour of cigar leaf dorsal surface: *See Fig. 2*
Blotches on leaves of water suckers:

Inflorescence/male bud

See Fig. 2, 5, 6, 7, 8, 9

Peduncle length [cm]**:** *See Fig. 2*
Peduncle hairiness:
Bunch position: *Angle from the vertical to the general axis of the bunch*
Rachis type: *Present/absent*
Rachis position: *See Fig. 5*
Rachis appearance:
Male bud type: *Recorded at maturity*
Male bud shape: *Recorded at harvest. See Fig. 6*
Bract apex shape: *See Fig. 7 and 9*
Bract imbrication: *Alignment of bracts at the apex of the male bud*
Colour of the bract external face:
Colour of the bract internal face:
Bract scars on rachis: *See Fig. 9*
Fading of colour on bract base: *Observed on the inside of the bract*
Bract behaviour before falling: *See Fig. 8*
Wax on the bract: *On the external surface*

Remains of flower relicts at fruit apex: *At distal end of the fruit. See Fig. 14*
Fruit pedicel length [mm]**:**
Mature fruit peel colour:
Pulp in fruit:
Pulp colour at maturity:
Presence of seed with source of pollen:
Seed shape:



Complementary information

Particular characters of the variety or species, distribution of wild species, synonym names.

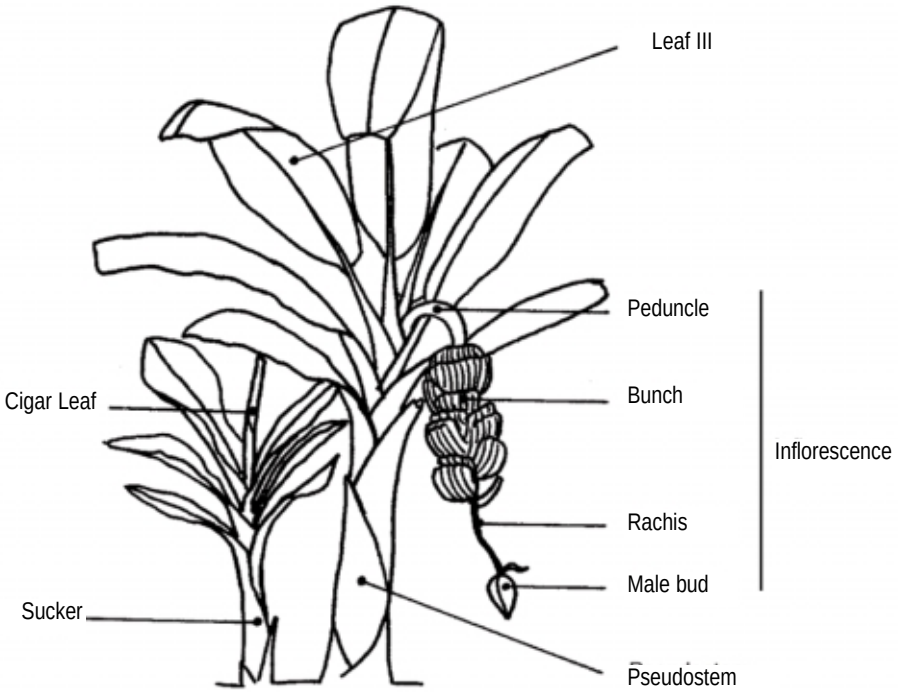
***Note**: for further details on the descriptors used, please consult the "Descriptors for Banana,* Musa *sp." published by IPGRI/INIBAP/CIRAD.*

Explanation of morphotaxonomic descriptors*

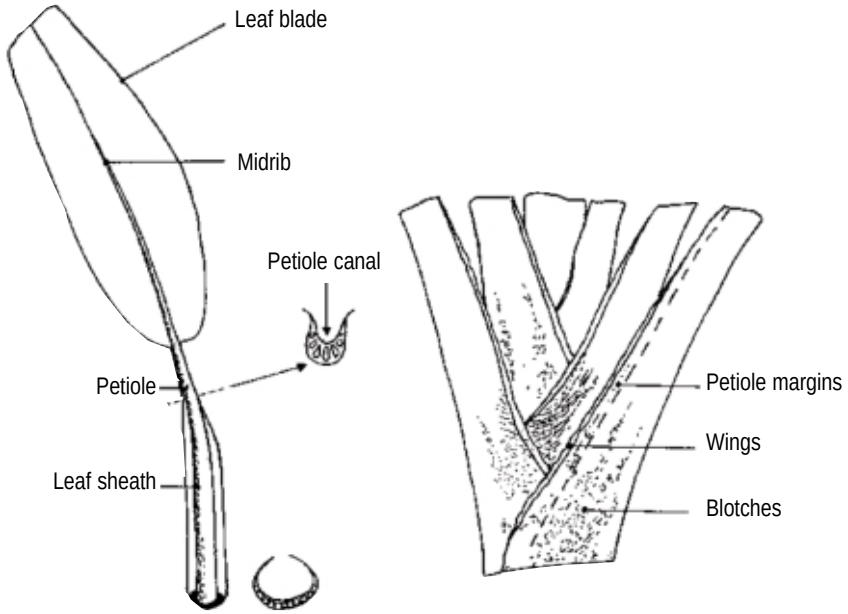
1. Leaf habit



2. Pseudostem/suckers (adapted from Champion 1963)



3. Petiole/midrib/leaf (adapted from Champion 1963 (left), De Langhe 1961 (right))



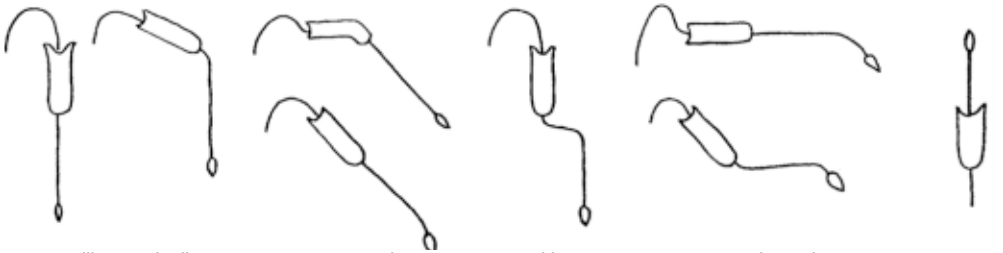
4. Petiole canal leaf III



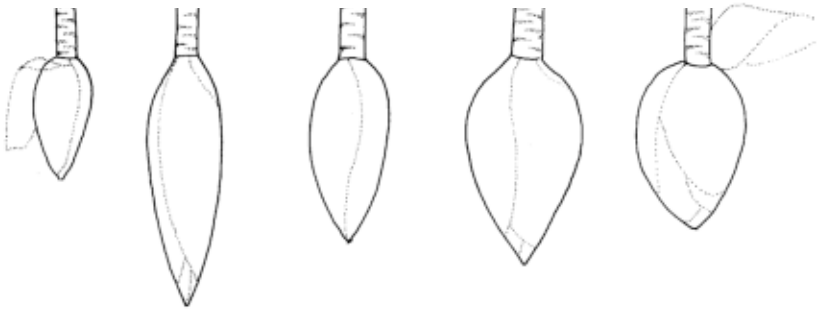
* Reproduced from Descriptors for Banana (*Musa* spp.), IPGRI-INIBAP, CIRAD, 1996.

Explanation of morphotaxonomic descriptors (cont.)

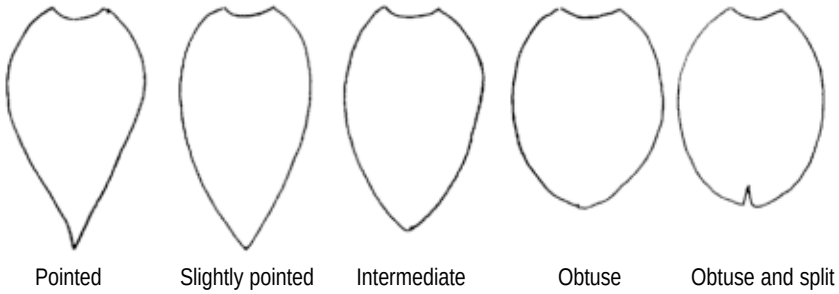
5. Rachis position (adapted from De Langhe 1961)



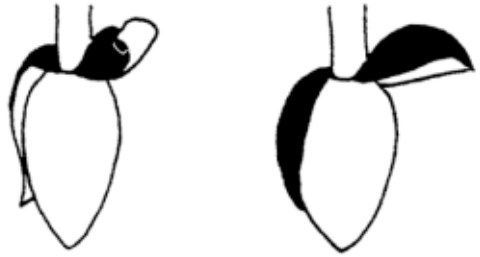
6. Male bud shapes



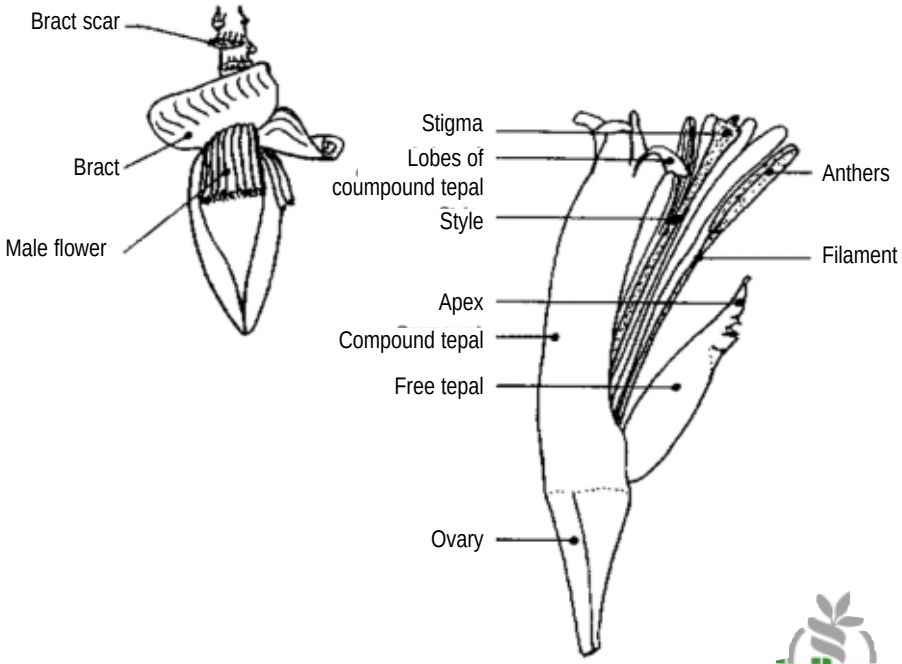
7. Bract apex shape



8. Bract behaviour before falling

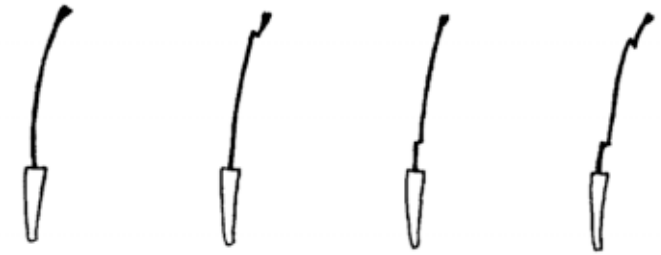


9. Male bud/male flower (adapted from Champion 1967)



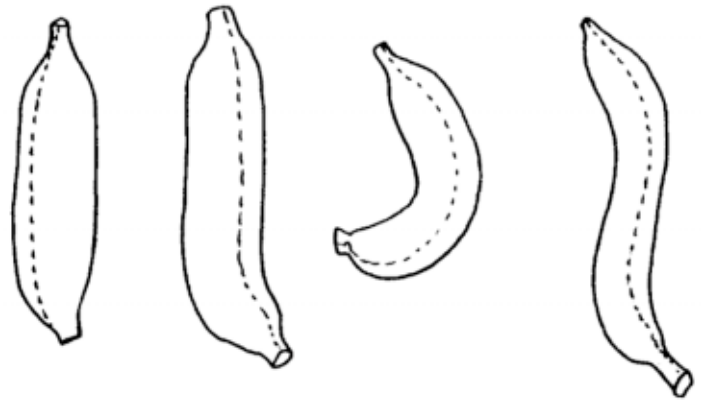
Explanation of morphotaxonomic descriptors (cont.)

10. Style shape



Straight | Curved under stigma | Curved at the base | Curved twice

11. Fruit shapes (longitudinal curvature) (adapted from Dodds and Simmonds 1948)



Straight (or slightly curved) | Straight in the distal part | Curved (sharp curve) | 'S' shape

12. Transverse section of fruit (adapted from Dodds and Simmonds 1948)



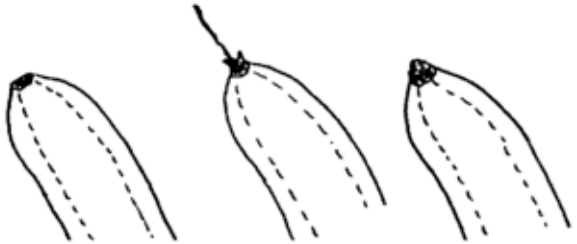
Pronounced ridges | Slightly ridged | Rounded

13. Fruit apex (adapted from Champion 1967)



Pointed | Lengthily pointed | Blunt-tipped | Bottle-necked | Rounded

14. Remains of flower relicts at fruit apex



Without any floral relicts | Persistent style | Base of the style prominent

Characterization sites

CIRAD

Location: Breeding Programme, Guadeloupe
Institute: Centre de Coopération Internationale en Recherche Agronomique pour le Développement

Latitude (° ‘ “)	16°16’ S
Longitude (° ' "):	61°30' W
Altitude (m.a.s.l.):	250
Topography:	Hill
Slope (%):	5
Soil texture:	Allophanic
Soil taxonomy:	Andisols
Soil drainage:	Good
Soil pH:	5.5
Water availability:	Rainfed
Highest humidity (%):	100
Lowest humidity (%):	45
Average humidity (%):	85
Number of days rain (d):	
Annual rainfall (mm):	3570
Number of hours with 90% humidity (h):	7327
Average highest temperature (C°):	27.7
Average lowest temperature (C°):	22.7
Average temperature (C°):	24.7

CRBP

Location: Cameroon, Njombe
Institute: Centre Régional de Recherches sur Bananiers et Plantains

Latitude (° ‘ “)	04°35’N
Longitude (° ' "):	9°39' E
Altitude (m.a.s.l.):	80
Topography:	Plain
Slope (%):	0
Soil texture:	Highly organic
Soil taxonomy:	Andisols
Soil drainage:	Good
Soil pH:	6.0
Water availability:	Both/alternate
Highest humidity (%):	100
Lowest humidity (%):	32
Average humidity (%):	72
Number of days rain (d):	161
Annual rainfall (mm):	2086
Number of hours with 90% humidity (h):	303
Average highest temperature (C°):	32.2
Average lowest temperature (C°):	22.1
Average temperature (C°):	27.1

NARO

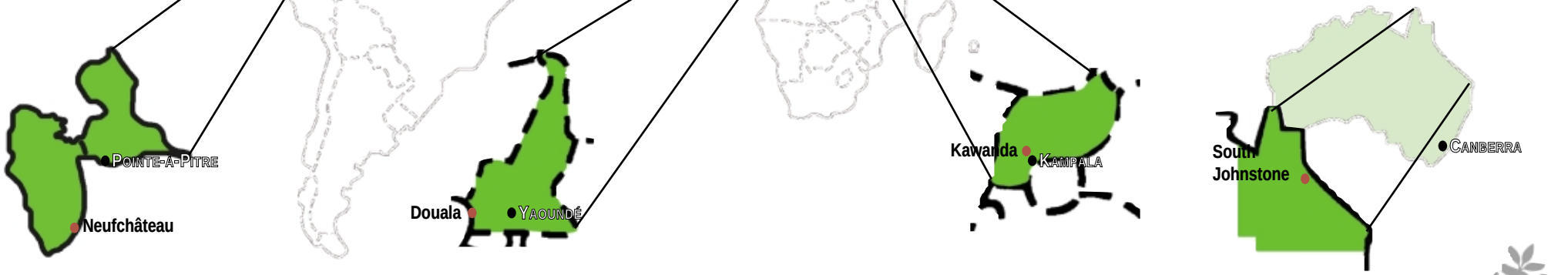
Location: Uganda, Kawanda, Kampala
Institute: National Agricultural Research Organization

Latitude (° ‘ “)	00°25’ N
Longitude (° ' "):	32°32' E
Altitude (m.a.s.l.):	1210
Topography:	Hill
Slope (%):	0
Soil texture:	Loam
Soil taxonomy:	Oxisols
Soil drainage:	Moderately drained
Soil pH:	5.5
Water availability:	Rainfed
Soil fertility:	Low
Highest humidity (%):	
Lowest humidity (%):	
Average humidity (%):	
Number of days rain (d):	
Annual rainfall (mm):	1130
Number of hours with 90% humidity (h):	
Average highest temperature (C°):	27.6
Average lowest temperature (C°):	15.3
Average temperature (C°):	23.0

QDPI

Location: Center for Wet Tropics Agriculture, South Johnstone, Australia
Institute: Queensland Department of Primary Industries

Latitude (° ‘ “)	17°36’ S
Longitude (° ' "):	146°0' E
Altitude (m.a.s.l.):	18
Topography:	Plain
Slope (%):	<1
Soil texture:	Light clay
Soil taxonomy:	Inceptisol
Soil drainage:	Good
Soil pH:	5-5.5
Water availability:	Irrigated
Highest humidity (%):	100
Lowest humidity (%):	60
Average humidity (%):	80.5
Number of days rain (d):	183
Annual rainfall (mm):	3300
Number of hours with 90% humidity (h):	
Average highest temperature (C°):	31.2
Average lowest temperature (C°):	15.0
Average temperature (C°):	23.6



Wild species

Eumusa

Musa acuminata ssp. *banksii* (Madang)

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0018**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	***acuminata***
Subspecies/Subgroup:	*banksii*

Origin

Origin:	Papua New Guinea
Province:	
Exact location:	Madang
Collecting source:	Ono base camp
Local/vernacular name (region/language):	
Accession code:	PNG181
Use of fruit:	N/A



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Erect
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Slender
Pseudostem colour:	Chimerical
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Large blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	<=15
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	With a curve
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Old bracts overlap at apex of bud (like *M. acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Yellow
Colour of the bract internal face:	Yellow or green
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	White
Presence of seed with source of pollen:	>20
Seed shape:	Angular (more or less pyramidal)

Complementary information

Distribution: New Guinea, Australia (Queensland), Samoa

Musa acuminata ssp. *banksii* (Hawain No.2)

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0065**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	***acuminata***
Subspecies/Subgroup:	*banksii*

Origin

Origin:	Papua New Guinea
Province:	East Sepik
Exact location:	Wewak
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG059
Use of fruit:	



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Slender
Pseudostem colour:	Green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Milky
Number of suckers:	Less than 3
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Brown-black

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved at the base
Stigma colour:	Yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Horizontal
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	With a curve
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Intermediate
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Green
Colour of the bract internal face:	Yellow or green
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	<=15
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Orange
Pulp in fruit:	Without pulp
Pulp colour at maturity:	Inapplicable
Presence of seed with source of pollen:	>20
Seed shape:	Globular (spherical)

Complementary information

Distribution: New Guinea, Australia (Queensland), Samoa
Development of suckers: No apical dominance
The value for **Petiole canal leaf III** has been chosen with reference to leaf VI

Musa acuminata ssp. *banksii* (Higa)

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0023**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	***acuminata***
Subspecies/Subgroup:	*banksii*

Origin

Origin:	Papua New Guinea
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Erect
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Red
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very waxy

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	White
Presence of seed with source of pollen:	>20
Seed shape:	Angular (more or less pyramidal)

Complementary information

Distribution: New Guinea, Australia (Queensland), Samoa

Musa acuminata ssp. *burmannica* (Long Tavoy)

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0016**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	***acuminata***
Subspecies/Subgroup:	*burmannica*

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Erect
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Slender
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	<=15
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Horizontal
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	At an angle
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts greatly overlap (like M.*acuminata* subsp. *burmannica*)
Colour of the bract external face:	Purple
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	White
Presence of seed with source of pollen:	>20
Seed shape:	Angular (more or less pyramidal)

Complementary information

Distribution: Myanmar, Thailand

Musa acuminata ssp. *burmannicoides* (Calcutta 4)

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0017**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	***acuminata***
Subspecies/Subgroup:	*burmannicoides*

Origin

Origin:	Myanmar
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Slender
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Young bracts greatly overlap (like M.*acuminata* subsp. *burmannica*)
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Purple
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very waxy

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	>20
Seed shape:	Flat



Complementary information

Distribution: Myanmar, Thailand
Small fingers, almost choked, very long vertical rachis, male bud is blue/violet, general color of the plant: light green

Musa acuminata ssp. *malaccensis* (Selangor)

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0014**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	***acuminata***
Subspecies/Subgroup:	*malaccensis*

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	N/A



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Erect
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Slender
Pseudostem colour:	Chimerical
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Curved at the base
Stigma colour:	Bright yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	<=15
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Bottle-necked

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Horizontal
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Horizontal
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Obtuse
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	>20
Seed shape:	Flat

Complementary information

Distribution: Malaysia

Musa acuminata ssp. *malaccensis* (Pahang)

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0013**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	***acuminata***
Subspecies/Subgroup:	*malaccensis*

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	N/A



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Erect
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Slender
Pseudostem colour:	Chimerical
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Large blotches
Blotches colour:	Black-purple

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	<=15
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Bottle-necked

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Horizontal
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	>20
Seed shape:	Flat

Complementary information

Distribution: Malaysia

Musa acuminata ssp. *microcarpa* (Borneo)

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0028**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**acuminata**
Subspecies/Subgroup:	microcarpa

Origin

Origin:	South East Asia
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	N/A



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Erect
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Slender
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Large blotches
Blotches colour:	Black-purple

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	<=15
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Bottle-necked
Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	>20
Seed shape:	Flat

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Horizontal
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Intermediate
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Purple
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Complementary information

Distribution: Indonesia, Malaysia, Thailand
Holotype
Male bud: Violet small male bud

Musa acuminata ssp. *microcarpa*

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0026**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	***acuminata***
Subspecies/Subgroup:	*microcarpa*

Origin

Origin:	South East Asia
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	N/A


C. Jenny

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Slender
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Milky
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Yellow
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	<=15
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Rounded
Fruit apex:	Pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Horizontal
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Obtuse and split
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	White
Presence of seed with source of pollen:	>20
Seed shape:	Flat

Complementary information

Distribution: Indonesia, Malaysia, Thailand

Musa acuminata ssp. *truncata*

Collection: CIRAD/FLHOR (GLP), Guadeloupe

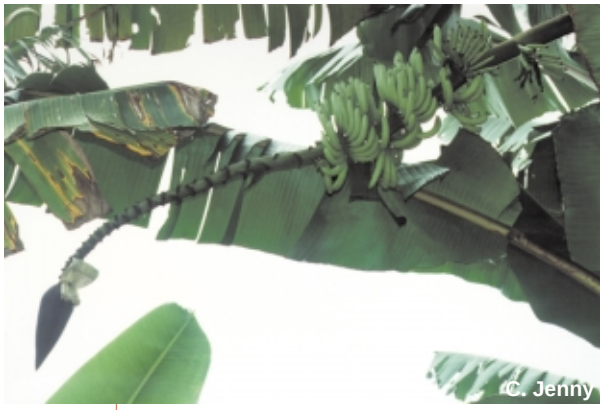
PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0027**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	***acuminata***
Subspecies/Subgroup:	*truncata*

Origin

Origin:	South East Asia
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	Blue
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Large blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Rounded
Fruit apex:	Bottle-necked

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Horizontal
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Horizontal
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Pointed
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Yellow or green
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Brown/rusty brown
Pulp in fruit:	With pulp
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	>20
Seed shape:	Flat

Complementary information

Distribution: Malaysia
Male bud shape: sharper than for Borneo and Microcarpa

Musa acuminata ssp. *siamea* (Pa Rayong)

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0024**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	***acuminata***
Subspecies/Subgroup:	*siamea*

Origin

Origin:	Thailand
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Slender
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Bottle-necked

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Horizontal
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts greatly overlap (like *M. acuminata* subsp. *burmannica*)
Colour of the bract external face:	Purple
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	White
Presence of seed with source of pollen:	>20
Seed shape:	Angular (more or less pyramidal)

Complementary information

Distribution: Indochina, Malaysia, Thailand
Holotype
Bract apex colour: Yellow apex on young bracts

Musa acuminata ssp. zebrina

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0029**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	***acuminata***
Subspecies/Subgroup:	*zebrina*

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	N/A



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Erect
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Slender
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	<=12
Fruit length [cm]**:**	<=15
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	>20
Seed shape:	Angular (more or less pyramidal)

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Red-purple
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Very hairy, long hairs (>2mm)
Bunch position:	Horizontal
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Horizontal
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Intermediate
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Complementary information

Distribution: Indonesia

Musa balbisiana (Honduras)

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	NYO0028
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	*balbisiana*
Subspecies/Subgroup:	

Origin

Origin:	South East Asia
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	N/A

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Dark green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Milky
Number of suckers:	6 or more
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Cream
Ovary basic colour:	Cream
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Without any floral relicts

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts greatly overlap (like *M. acuminata* subsp. *burmannica*)
Colour of the bract external face:	Pink-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	
Pulp in fruit:	With pulp
Pulp colour at maturity:	
Presence of seed with source of pollen:	Several thousand seeds
Seed shape:	Angular (more or less pyramidal)



Complementary information

Distribution: India to Philippines

Musa balbisiana (Pisang Batu)

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0034**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	*balbisiana*
Subspecies/Subgroup:	

Origin

Origin:	Indonesia
Province:	Cibinong
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Dark green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	6 or more
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (growing at an angle)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Cream
Ovary basic colour:	Cream
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Bottle-necked

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	At an angle
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts greatly overlap (like *M. acuminata* subsp. *burmannica*)
Colour of the bract external face:	Pink-purple
Colour of the bract internal face:	Pink-purple
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	
Pulp in fruit:	With pulp
Pulp colour at maturity:	
Presence of seed with source of pollen:	Several thousand seeds
Seed shape:	Rounded (but not completely spherical)

Complementary information

Distribution: India to Philippines
Rachis position: Rachis curved inward

Musa balbisiana (Pisang Klutuk Wulung)

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0033**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	***balbisiana***
Subspecies/Subgroup:	

Origin

Origin:	Indonesia
Province:	Purwodadi
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	N/A



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	
Pseudostem height [m]**:**	> 3
Pseudostem aspect:	Robust
Pseudostem colour:	Black
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	> 6
Development of suckers:	more than 1/4 of the height of the parent
Position of suckers:	Close to parent
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Black-purple

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Cream
Ovary basic colour:	Cream
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Purple to blue
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Pink-purple
Colour of the bract internal face:	Whitish
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	several thousand seeds
Seed shape:	Rounded (but not completely spherical)

Complementary information

Distribution: India to Philippines

Musa schizocarpa

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number: SJR0039
Genus: *Musa*
Section: EUMUSA
Species/Group: ***schizocarpa***
Subspecies/Subgroup:

Origin

Origin: Papua New Guinea
Province: Morobe
Exact location: Markham, Lae
Collecting source:
Local/vernacular name (region/language):
Accession code: PNG042
Use of fruit: N/A

Morphotaxonomic descriptors

Description of Argent, Notes of the Royal Botanic Garden, Edinburgh: "Pseudostem up to 10 m tall, 100 cm in girth at the base, dark blackish brown in the lower part gradually becoming bright non-waxy or paler waxy green above which may be irregularly blotched dark brown; sap watery. Rhizomes short, suckers emerging close to the parent stem but growing away vertically. Clumps mostly rather small. Shoulder green usually without wax but sometimes with copious wax in var. B. Shoulder margin non-scarious green sometimes with a black edge and often with a few large irregular wrinkles. Petiole pale green, non-waxy except in var. B, margins erect and green, canal deep and open, TS ratio 1.0. Leaf lamina non-waxy deep green above paler green and often waxy below; left-handed with cuneate base Peduncle green, glabrous. Bunch very dense, sometimes curved in the upper part but the lower part and usually the whole bunch hanging vertically downward. Fruits occasionally curved upwards but usually spreading outwards through compression. Basal bracts long and lingulate, rapidly rolling back and quickly falling. Basal flowers hermaphrodite, biseriately arranged. Pedicels 2-3 cm long. Young fruit glabrous, distinctive dark green with purplish flush; ovules in two rows per loculus. The mature fruit short and broad, often strongly angular, bottle-nosed, dark green and schizocarpic with the skin peeling back in a rather irregular fashion to expose the gleaming white flesh. Seeds 6-7 mm in diameter, dark brown or blackish, hilum small, level or slightly sunken but with a raised collar, umbo small, not raised often almost obsolete.

Male peduncle descending vertically down from the bunch. Male bud dull green, convolute, with a distinctly rounded distal end. Male bracts dull green outside quickly going grey or brownish after lifting, the inside green. These bracts rapidly curl backwards on lifting and were always observed to be fully deciduous. Male flower creamy-white the compound tepal almost twice as long as the free tepal and with pale yellow tips to the lobes. Free tepal translucent white, ovate-acuminate with a more or less wrinkled area at the base of the acumen

Two variants of this species can be recognised and informally designated as follows: var. A, plant large, rarely fruiting when less than 7 m tall, without obvious wax, male bracts curling from the distal end only; var. B, plant small, often fruiting when only 2-3 m high, the leaf sheaths and shoulders distinctly waxy, male bracts curling from both distal and proximal ends."

Fruit

Pulp in fruit: Without pulp
Pulp colour at maturity: Inapplicable
Presence of seed with source of pollen: >20
Seed shape: Angular (more or less pyramidal)



Complementary information

Ditribution: Papua New Guinea



Musa basjoo

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	NYO0040
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	***basjoo***
Subspecies/Subgroup:	

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	N/A



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Medium green
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Milky
Number of suckers:	6 or more
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Cream
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Without any floral relicts

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Hairless
Bunch position:	Horizontal
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Rounded
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Yellow
Colour of the bract internal face:	Whitish
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	
Pulp in fruit:	With pulp
Pulp colour at maturity:	
Presence of seed with source of pollen:	5-20
Seed shape:	Angular (more or less pyramidal)

Complementary information

Distribution: Japan

Wild species

Rhodochlamys

Musa laterita

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0008**
Genus:	*Musa*
Section:	RHODOCHLAMYS
Species/Group:	***laterita***
Subspecies/Subgroup:	

Origin

Origin:	Jamaica
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	N/A



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Slender
Pseudostem colour:	Medium green
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	Absent
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Far from parent plant (emerging >50 from parent plant)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Orange
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Bottle-necked
Remains of flower relicts at fruit apex:	Without any floral relicts

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Slightly hairy
Bunch position:	Erect
Rachis type:	
Rachis position:	Erect
Rachis appearance:	Bare
Male bud type:	
Male bud shape:	
Bract apex shape:	
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Red
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	>20
Seed shape:	Flat

Complementary information

Distribution: Myanmar, Thailand

Musa ornata

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0007**
Genus:	*Musa*
Section:	RHODOCHLAMYS
Species/Group:	***ornata***
Subspecies/Subgroup:	

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	N/A

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Slender
Pseudostem colour:	Green
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	6 or more
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Cream
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Without any floral relicts

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Red-purple
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Erect
Rachis type:	
Rachis position:	Erect
Rachis appearance:	Bare
Male bud type:	Degenerating before maturity (like false-horn 'Plantain')
Male bud shape:	Intermediate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Whitish
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	
Pulp in fruit:	With pulp
Pulp colour at maturity:	
Presence of seed with source of pollen:	>20
Seed shape:	Globular (spherical)



Complementary information

Distribution: Northern India, Myanmar, Thailand
Widespread in cultivation/Botanic gardens

Musa sanguinea

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number: NEU0010
Genus: *Musa*
Section: RHODOCHLAMYS
Species/Group: ***sanguinea***
Subspecies/Subgroup:

Origin

Origin:
Province:
Exact location:
Collecting source:
Local/vernacular name (region/language):
Accession code:
Use of fruit: N/A


C. Jenny

Morphotaxonomic descriptors

Plant descriptors

Leaf habit: Intermediate
Pseudostem height [m]**:** <=2
Pseudostem aspect: Slender
Pseudostem colour: Red-purple
Pseudostem appearance: Shiny (not waxy)
Pigmentation of the underlying pseudostem:
Sap colour: Watery
Number of suckers: 6 or more
Development of suckers: More than 3/4 of the height of the parent plant
Position of suckers: Close to parent (vertical growth)
Blotches at the petiole base: Large blotches
Blotches colour: Black-purple

Male flower

Compound tepal basic colour: Orange
Compound tepal pigmentation: Very few or no visible sign of pigmentation
Lobe colour of compound tepal: Orange
Free tepal appearance: More or less smooth
Style shape: Straight
Stigma colour: Yellow
Ovary basic colour: Cream
Ovary pigmentation: Very few or no visible sign of pigmentation

Fruit

Fruit position: Perpendicular to the stalk
Number of fruits:
Fruit length [cm]**:**
Fruit shape:
Transverse section of fruits:
Fruit apex:
Remains of flower relicts at fruit apex:

Petiole/midrib/leaf

Petiole canal leaf III: Straight with erect margins
Colour of midrib dorsal surface: Red-purple
Colour of cigar leaf dorsal surface: Green
Blotches on leaves of water suckers: Without blotches

Inflorescence/male bud

Peduncle length [cm]**:** <=30
Peduncle hairiness: Very hairy, short hairs (similar to velvet touch)
Bunch position: Hanging at angle 45°
Rachis type: Present and male bud may be degenerated or persistent
Rachis position: At an angle
Rachis appearance: Bare
Male bud type: Normal (present)
Male bud shape: Lanceolate
Bract apex shape: Pointed
Bract imbrication: Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face: Pink-purple
Colour of the bract internal face: Whitish
Bract scars on rachis: Very prominent
Fading of colour on bract base: Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling: Revolute (rolling)
Wax on the bract: Very little or no visible sign of wax

Fruit pedicel length [mm]**:**
Mature fruit peel colour:
Pulp in fruit:
Pulp colour at maturity:
Presence of seed with source of pollen:
Seed shape:

Complementary information

Distribution: Northern India

Musa velutina

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0006**
Genus:	*Musa*
Section:	RHODOCHLAMYS
Species/Group:	***velutina***
Subspecies/Subgroup:	

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Slender
Pseudostem colour:	Green
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Orange
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Orange
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	<=12
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Blunt-tipped

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Very hairy, long hairs (>2mm)
Bunch position:	Erect
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Erect
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Pink-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Orange red, red or pink/pink purple
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	>20
Seed shape:	Angular (more or less pyramidal)

Complementary information

Distribution: North India
Widespread in cultivation/Botanic gardens

Wild species

Callimusa

Musa coccinea

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession code:	NEU0003
Genus:	*Musa*
Section:	CALLIMUSA
Species/gGoup:	***coccinea***
Subspecies/Subgroup:	

Origin

Use of fruit:	N/A

Morphotaxonomic descriptors

Notes of Champion, *Les bananiers et leur culture*: "Pseudostem 1.5 m high, green, not waxy. Leaf blade 1 m x 0.25 m shiny above. Petiole: margins enveloping, pseudo-stem, non-scarious. Suckering abundant; inflorescence erect, scarcely emerging;

1-3 female flower per bract, ovary 3-4 cm, yellow/orange glabrous; Compound tepal yellow/orange, green lobes; free tepal equal in length to compound tepal, orange in centre.

Male bud "open", bracts persisting for many days, ovoid, imbricate at tip. Bract oblong, 7 x 3 cm bright scarlet both sides, tips yellow/green. Male flowers 2 per bract; compound tepal 3.5-4 cm, bright orange green at tip; free tepal equal in length to compound tepal, orange/yellow, obtuse;

Fruit 4-5 x 3-2.5 cm, Perianth persistant; pericarp thick 1.5 mm, orange/yellow waxy bloom; pulp white; seed more or less cylindrical black, 6 x 4 mm ridged at waist."


C. Jenny


R. Swennen

Complementary information

Distribution: China, Indonesia, Thailand
Widespread in cultivation/Botanic gardens

Musa violascens (Tok)

Collection:

PASSPORT CHARACTERIZATION

Accession descriptors

Genus: *Musa*
Section: CALLIMUSA
Species/Group: ***violascens***
Subspecies/Subgroup:

Morphotaxonomic descriptors

Description of Champion, *Les bananiers et leur culture*: "Pseudostem 1-2 m slender, green, not waxy; leaf blade 2 x 0.5 m shiny above; petiole corrugated auricles at junction of leaf sheath, margin scarious. Suckering free; inflorescence erect, shortly exerted;

Female flower 8-9 cm, ovary 3-4 cm, white; compound tepal 4-5 cm white, tip and lobes, yellow; free tepal 4 cm, not boat-shaped;

Male bud very acute, strongly imbricate; bract pale to dark purple, white markings, green at tip, shiny on outside, tendency to persist. Male flower 10 per bract, 2-rowed. Compound tepal 4-5 cm, white at base, green at tip; free tepal scarcely shorter than compound tepal, white. Fruit in compact bunch, 4-7 cm x 2 cm, base-sub-sessile; pericarp 1 mm black at maturity; pulp scanty, seed cylindrical 6 x 4 mm not conspicuous waist."



Complementary information

Distribution: Malaysia

Musa gracilis

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number: NEU0004
Genus: *Musa*
Section: CALLIMUSA
Species/Group: ***gracilis***
Subspecies/Subgroup:

Origin

Origin:
Province:
Exact location:
Collecting source:
Local/vernacular name (region/language):
Accession code:
Use of fruit: N/A

Morphotaxonomic descriptors

Plant descriptors

Leaf habit: Intermediate
Pseudostem height [m]**:** <=2
Pseudostem aspect: Slender
Pseudostem colour: Medium green
Pseudostem appearance: Shiny (not waxy)
Pigmentation of the underlying pseudostem: Purple
Sap colour: Watery
Number of suckers: 6 or more
Development of suckers: More than 3/4 of the height of the parent plant
Position of suckers: Close to parent (vertical growth)
Blotches at the petiole base: Small blotches
Blotches colour: Brown-black

Male flower

Compound tepal basic colour: Cream
Compound tepal pigmentation: Very few or no visible sign of pigmentation
Lobe colour of compound tepal: Yellow
Free tepal appearance: More or less smooth
Style shape: Straight
Stigma colour: Yellow
Ovary basic colour: Cream
Ovary pigmentation: Very few or no visible sign of pigmentation

Fruit

Fruit position: Curved towards stalk
Number of fruits: >=17
Fruit length [cm]**:** 21-25
Fruit shape: Curved (sharp curve)
Transverse section of fruits:
Fruit apex:
Remains of flower relicts at fruit apex:

Petiole/midrib/leaf

Petiole canal leaf III: Margins curved inward
Colour of midrib dorsal surface: Yellow
Colour of cigar leaf dorsal surface: Green
Blotches on leaves of water suckers: Without blotches

Inflorescence/male bud

Peduncle length [cm]**:** <=30
Peduncle hairiness: Slightly hairy
Bunch position: Erect
Rachis type: Present and male bud may be degenerated or persistent
Rachis position: Erect
Rachis appearance: Bare
Male bud type: Normal (present)
Male bud shape:
Bract apex shape: Pointed
Bract imbrication: Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face: Purple
Colour of the bract internal face: Orange red
Bract scars on rachis: Very prominent
Fading of colour on bract base: Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:
Wax on the bract:

Fruit pedicel length [mm]**:**
Mature fruit peel colour:
Pulp in fruit:
Pulp colour at maturity:
Presence of seed with source of pollen:
Seed shape:


C. Jenny

Complementary information

Distribution: Malaysia, Thailand

Wild species

Australimusa

Musa maclayi ssp. *maclayi* var. *maclayi*

Collection: ITC, Belgium

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**ITC0864**
Genus:	*Musa*
Section:	AUSTRALIMUSA
Species/Group:	***maclayi***
Subspecies/Subgroup:	*maclayi*

Origin

Origin:	Papua New Guinea
Province:	Oro
Exact location:	Ombisus, Popondetta
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG252
Use of fruit:	N/A



Morphotaxonomic descriptors

Description of Argent, Notes of the Royal Botanic Garden, Edinburgh:"Pseudostem up to 10 m tall and 100 cm in girth, predominantly brown below becoming bright non-waxy green above with a variable amount of brown streaking and mottling. Sap variable from watery cream to pink or bright purple. Rhizomes short, suckers arising more or less vertically from the ground and plants forming dense clumps with many pseudostems. Shoulder green non-waxy, edge appressed or reflexed often undulate, commonly blackish but always non-scarious. Petiole pale green non-waxy, margins erect or reflexed more or less green. Leaf lamina bright green non-waxy above paler but also without wax below. Leaf base right-handed and cuneate to rounded (or weakly auriculate in var. *erecta*).
Peduncle glabrous green. Bunch held stiffly erect, variable from very dense to moderately lax. Hands of fruit weakly ascending or more usually spreading by compression. Female bracts long, glossy green outside, cream inside, usually quickly deciduous but persistent in subsp. *ailuluai.* Basal flowers functionally female. Pedicels short 1-1.5 cm. Young fruit pale green glabrous with the ovules in two rows per loculus. Mature fruit variable pale to rich orange, indehiscent, variable in shape from almost spherical hardly longer than wide to almost three times as long as wide, the apex varying from blunt to bottle-nosed. Seeds very irregular, 6-7 mm in diameter, hilum usually weakly depressed, umbo obsolete to prominent.
Male peduncle ascending quite vertically or more rarely arching with age. Male bud imbricate, glossy green or white, variable in shape from twice to three times as long as broad. Male bracts glossy green outside sometimes very pale green or white inside, deciduous, or fully persistent and reflexing in varying degrees in the different subspecies. Male flower with the compound tepal approximately half as long again as the free tepal, compound tepal cream, free tepal translucent white, concave, ovate, with rounded apex or short blunt point and without a subapical wrinkle."

Complementary information

Distribution: Papua New Guinea
Bracts green, reflexing right back against the peduncle and with the lateral edges also becoming strongly revolute completely deciduous
Fruit 2-3 times as long as broad, blunt or bottle-necked

Musa maclayi ssp. *maclayi* var. *namatani*

Collection: ITC, Belgium

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**ITC0915**
Genus:	*Musa*
Section:	AUSTRALIMUSA
Species/Group:	***maclayi***
Subspecies/Subgroup:	*maclayi*

Origin

Origin:	Papua New Guinea
Province:	New Ireland
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG314
Use of fruit:	

Morphotaxonomic descriptors

Description of Argent, Notes of the Royal Botanic Garden, Edinburgh: Shoulder margins appressed. Bracts green, reflexing to c. 120° but not back against the peduncle, the lateral margins, not becoming revolute, completely deciduous. Fruit c. twice as long as broad with broadly pointed ends.







Complementary information

Distribution: New Ireland (Papua New Guinea).

Musa maclayi ssp. ailuluai

Collection: ITC, Belgium

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**ITC0934**
Genus:	*Musa*
Section:	AUSTRALIMUSA
Species/Group:	***maclayi***
Subspecies/Subgroup:	*ailuluai*

Morphotaxonomic descriptors

Description of Argent, Notes of the Royal Botanic Garden, Edinburgh: "Shoulder margins appressed. Bracts green, reflexing to less than 90° and fully persistent, not at all revolute. Fruit scarcely twice as long as broad with a rounded apex."

Origin

Origin:	Papua New Guinea
Province:	Milne Bay
Exact location:	
Collecting source:	Sebutuia Bay
Local/vernacular name (region/language):	
Accession code:	PNG340
Use of fruit:	N/A



Complementary information

Distribution: Papua New Guinea

Musa peekelii ssp. peekelii

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0063**
Genus:	*Musa*
Section:	AUSTRALIMUSA
Species/Group:	***peekelii***
Subspecies/Subgroup:	*peekelii*

Origin

Origin:	Papua New Guinea
Province:	New Ireland
Exact location:	Rasarik
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG316
Use of fruit:	N/A



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Erect
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Slender
Pseudostem colour:	Green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Milky
Number of suckers:	6 or more
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Curved under stigma
Stigma colour:	Cream
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Rounded
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Without any floral relicts

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Hairless
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts greatly overlap (like *M. acuminata* subsp. *burmannica*)
Colour of the bract external face:	Green
Colour of the bract internal face:	Yellow or green
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	>20
Seed shape:	

Complementary information

Distribution: New Ireland (Papua New Guinea)
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI
Collector's notes: male bud eaten

Musa peekelii ssp. angustigemma

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0032**
Genus:	*Musa*
Section:	AUSTRALIMUSA
Species/Group:	***peekelii***
Subspecies/Subgroup:	*angustigemma*

Origin

Origin:	Papua New Guinea
Province:	Madang
Exact location:	Kar Kar Island
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG221
Use of fruit:	N/A



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Erect
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	Green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Milky
Number of suckers:	6 or more
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Cream
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts greatly overlap (like *M. acuminata* subsp. *burmannica*)
Colour of the bract external face:	
Colour of the bract internal face:	
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Orange red, red or pink/pink purple
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	>20
Seed shape:	Angular (more or less pyramidal)

Complementary information

Distribution: Papua New Guinea
Development of suckers: No apical dominance
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI
Male bracts green or brown, often with purplish streaks on the underside of the bracts but not coloured purple at the tips (Argent 1976)

Musa jackeyi

Collection:

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:
Genus: *Musa*
Section: AUSTRALIMUSA
Species/Group: ***jackeyi***
Subspecies/Subgroup:

Morphotaxonomic descriptors

Description of Simmonds, Botanical results of the collecting expedition: "Leaves oblong, six to seven feet long, forming a tuft on the apex of the stem; spadix erect, flowers compound, rising from the apex of the stem, each division enclosed in a spathe, with male flowers at the base, female or hermaphrodite ones at the upper end. Fruit short, horizontal, three to five cornered, with numerous seeds buried in pulp; flowers yellowish, limph of the old stem red could be used as marking ink."

Origin

Origin: Australia
Province: North Queensland
Exact location: Bellenden Ker
Collecting source:
Local/vernacular name (region/language):
Accession code:
Use of fruit:


S. Sharrock


J. Daniells

Complementary information

Distribution: Australia (Queensland)

Musa lolodensis

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0048**
Genus:	*Musa*
Section:	AUSTRALIMUSA
Species/Group:	***lolodensis***
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	West Sepik
Exact location:	Yawreng, Maprik
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG364
Use of fruit:	N/A



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Slender
Pseudostem colour:	Medium green
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Large blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Yellow
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Without any floral relicts

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Hairless
Bunch position:	Horizontal
Rachis type:	
Rachis position:	
Rachis appearance:	
Male bud type:	Normal (present)
Male bud shape:	Ovoid
Bract apex shape:	Intermediate
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Black
Pulp in fruit:	Without pulp
Pulp colour at maturity:	Inapplicable
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Distribution: Indonesia, Papua New Guinea
Development of suckers: No apical dominance
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI
Usual colour of the bract external face: Yellow to brown-red (Champion)

Musa textilis

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number: NEU0001
Genus: *Musa*
Section: AUSTRALIMUSA
Species/Group: ***textilis***
Subspecies/Subgroup: *textilis*

Morphotaxonomic descriptors

Description of Champion, *Les bananiers et leur culture*: "Pseudostem size: 2-4 m, variable green-black; suckering abundant; petiole long, robust and erect, margin not spreading; leaves oblong, narrow and truncated at apex, not equal at base. Inflorescence sub-horizontal.

Basal flower (female), 6 hands, 10 fingers/hand biseriate. Ovary 5, green. Ovules, 2 rows. Compound tepal, 4, white, lobes pale green; free tepal 3.5 cm approx. equal to compound tepal, wrinkled; staminodes = 1/2 style.

Male bud oblong, obtuse, strongly imbricate; bracts persistant for 2-3 days above one another, variable colour, bright, interior almost white at base."

Origin

Origin:
Province:
Exact location:
Collecting source:
Local/vernacular name (region/language):
Accession code:
Use of fruit:





Complementary information

Distribution: Philippines

Wild species

Incertae sedis

Musa ingens

Collection:

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:
Genus: *Musa*
Section: *incertae sedis*
Species/Group: ***ingens***
Subspecies/Subgroup:

Morphotaxonomic descriptors

Description of Argent, Notes of the Royal Botanic Garden, Edinburgh:
"Pseudostem up to 15 m. tall and 2 m in girth at the base, glaucous gray green in general appearance with varying amounts of dead brown sheaths covering the the lower part. Rhizome short; sometimes solitary pseudostems with sparse suckering at the base but in many instances forming large clumps. Seedling and young sucker leaves with white milky sap and relatively broad cartilaginous margin. Leaf shoulder grey-green, glaucous, very waxy with reflexed, non-scarious and not or hardly undulate margin. Petiole grey-green, margins reflexed, green, sometimes becoming scarious with age. Leaf lamina grey green, very waxy especially on the abaxial surface, the base left-handed, cuneat. Peduncle grey-green, glabrous. Bunch hanging vertically straight downwards, or in very small bunches curved; fruit densely packed hanging at more or less 45°, often along with the long shrivelled basal bracts persisting between the hands of fruits. Basal flowers with variously developed staminodes which were never seen to contain pollen. Pedicels long, up to 5 cm, gradually broadening into the base of the fruit. Young fruit glabrous, grey-green. Mature fruit ripening yellow to coppery-brown, indehiscent, highly aromatic, up to 18 cm long by 3 cm wide, cylindric with an upturned distal end. Seeds 8-9 cm diameter, irregular and strongly angled but smooth or faintly striolate, hilum slightly concave, umbo faint or obsolete. Male peduncle descending vertically, vigorous, up to 2 m long and often persisting after the fruits have ripened. Male bud convolute or slightly imbricate, quite variable in shape from almost spherical with blunt rounded apex to obvoid with a broad point; colour dull pale cream with grey flushes."

Origin

Origin: Papua New Guinea
Province: Southern Highlands
Exact location: Mendi
Collecting source:
Local/vernacular name (region/language):
Accession code:
Use of fruit:





Complementary information

Distribution: Papua New Guinea.

Musa boman

Collection:

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:
Genus: *Musa*
Section: *incertae sedis*
Species/Group: ***boman***
Subspecies/Subgroup:

Morphotaxonomic descriptors

Description of Argent, Notes of the Royal Botanic Garden, Edinburgh: "Pseudostem large up to c. 10m tall and 150cm in girth at the base, glaucous green above, becoming glaucous blackish-brown with clinging sheath below; the sap watery turning brown on exposure to air. Rhizome short, suckering rather sparse, the suckers growing up close to the parent stem. Shoulder greyish-green, glaucous with appressed, hardly scarious margin but occasionally slightly rugose. Petiole glaucous waxy grey-green, with slightly inturned green edges; Leaf lamina greyish-green on upperside, extremely waxy, pale creamy-green below, right-handed with rounded basal lobes.

Peduncle whitish, waxy and glabrous. Bunch emerging almost horizontal but becoming vertically pendant by maturity; fruits apparently without tropic response, spreading irregularly or semi-pendant. Basal bracts pale cream, lingulate, reflexing and curling, quickly deciduous. Basal flowers fully hermaphrodite with well developed stamens. Pedicels 1.5 – 2.5 cm long. Young fruit pale cream, glabrous, ovules in four rows per loculus. Mature fruit bright reddish-orange in colour, with dull pinkish flesh; indehiscent, not highly aromatic, elongate and strongly angled, contracted suddenly at both base and apex. Seeds 6-7 diameter, plump, irregularly papillose with a slightly concave hilum and slightly raised dimpled umbo.

Male peduncle vertically pendent. Male bud hardly longer than broad, always imbricate at least at the tip, cream. Male bracts lifting to well above the horizontal, the outerside becoming grey on lifting the inner side remaining cream, not becoming revolute, quickly and completely deciduous. Male flower with the compound tepal about twice as long as the free tepal; compound tepal yellowish cream in colour with dull yellow tips; free tepal transluscent white, without a subapical wrinkle, transversely truncated distally but with a small apiculus

M. boman is very distinct but it superficially resembles *M. ingens* with its large stature, waxy foliage and pale cream short male bud. It can easily be told apart from *M. ingens* by the sucker shoots which have appressed shoulder margins and watery sap and the fruit is quite different in shape and in colour. The extreme waxiness of the pseudostems, the male bud appearance, the bract behaviour and fruit flesh colour all separate *M. boman* from *M. peckelii*; and the hermaphrodite basal flowers and indehiscent fruit as well as the general vigour and facies separate it from *M. lolodensis*. Hybrids between it and *M. lolodensis* do occur but introgression seems only to be of *M. boman* characters into the *M. lolodensis* populations. The presence of hermaphrodite basal flowers means that it must almost invariably be self-pollinated."

Origin

Origin: Papua New Guinea
Province:
Exact location: Vanimo
Collecting source:
Local/vernacular name (region/language):
Accession code:
Use of fruit:


S. Sharrock


S. Sharrock

Complementary information

Distribution: Papua New Guinea

Cultivated varieties

AA

Pisang Mas

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	NYO0056
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	AA
Subspecies/Subgroup:	Sucrier

Origin

Origin:	Malaysia
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Normal
Pseudostem colour:	light green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	4-6
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Cream
Ovary basic colour:	White
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	<=15
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Rounded
Fruit apex:	Blunt-tipped

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	With a curve
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Pointed
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Whitish
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	<5
Seed shape:	Flat

Complementary information

Pseudostem colour: The light green of the pseudostem is typical

Main synonyms: Amas, Sucrier, Kluai Khai, Figue sucrée

Pisang Jari Buaya (Niukin)

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0067**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AA**
Subspecies/Subgroup:	Pisang Jari Buaya

Origin

Origin:	Papua New Guinea
Province:	East New Britain
Exact location:	Tingenavudu, Rabaul
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG124
Use of fruit:	Dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Erect
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	Medium green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	Less than 3
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (growing at an angle)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	White
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Several folding under apex (corrugated)
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	White
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved towards stalk
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	With a curve
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Intermediate
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple
Colour of the bract internal face:	Purple
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Development of suckers: No apical dominance
Predominant taste: Strong

Pisang Lilin

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0063**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AA**
Subspecies/Subgroup:	Pisang Lilin

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert


C. Jenny

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Slender
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	<=12
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Lengthily pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Horizontal
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Pointed
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Inarnibal

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0022**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AA**
Subspecies/Subgroup:	Inarnibal

Origin

Origin:	**Philippines**
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green-red
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Inhibited
Position of suckers:	Close to parent (growing at an angle)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved at the base
Stigma colour:	Cream
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	
Fruit length [cm]**:**	
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	
Blotches on leaves of water suckers:	

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	With a curve
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Intermediate
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Persistent style
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Value for descriptor **Petiole canal Leaf III** has been chosen with reference to leaf VI

Manameg Red

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0092**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AA**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	
Exact location:	Yelso, Madang
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG161
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green-red
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	Inhibited
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Cream
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent (one to few hands only, stalk is bare below)
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	
Pulp in fruit:	With pulp
Pulp colour at maturity:	
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Bract imbrication: Like *M. acuminata* subsp. *burmannica*

Kekiau

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	NYO0077
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	AA
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	East New Britain
Exact location:	Vunapalading, Rabaul
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG101
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Slender
Pseudostem colour:	Medium green
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Watery
Number of suckers:	Less than 3
Development of suckers:	Inhibited
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	White
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Pendant
Number of fruits:	<=12
Fruit length [cm]**:**	21-25
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Slightly pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Green
Colour of the bract internal face:	Yellow or green
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Gorop

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0037**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AA**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	East New Britain
Exact location:	Vunapalading, Rabaul
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG103
Use of fruit:	Dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Slender
Pseudostem colour:	Green-red
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Inhibited
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Large blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Rust-coloured spots
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Curved at the base
Stigma colour:	Yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Red-purple
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	>=61
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Intermediate
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple
Colour of the bract internal face:	Yellow or green
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Mala

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0064**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AA**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	Southern Highlands
Exact location:	Mendi
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG257
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Erect
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Normal
Pseudostem colour:	Green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (growing at an angle)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved at the base
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	With a curve
Rachis appearance:	Neutral flowers
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse
Bract imbrication:	Old bracts overlap at apex of bud
Colour of the bract external face:	Pink-purple
Colour of the bract internal face:	Yellow or green
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Development of suckers: No apical dominance
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI
Rachis appearance: One to few hands only, stalk is bare below
Bract imbrication: Like *M. acuminata* subsp. *malaccensis*

Udiwasi

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0029**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	AA
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	Milne Bay
Exact location:	Normanby Island, Mwagoluya
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG334
Use of fruit:	Cooking and dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Slender
Pseudostem colour:	Green-red
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Cream
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	
Fruit length [cm]**:**	
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Red-purple
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	>=61
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	With a curve
Rachis appearance:	Neutral flowers
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Purple
Colour of the bract internal face:	Purple
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Persistent style
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Development of suckers: No apical dominance
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI
Main feature of the variety: Fruits form a continuous spiral
Rachis appearance: One to few hands only, stalk is bare below.

Maleb

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0041**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AA**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	Madang
Exact location:	Yelso
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG159
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Erect
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Normal
Pseudostem colour:	Medium green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Red
Sap colour:	Watery
Number of suckers:	Less than 3
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (growing at an angle)
Blotches at the petiole base:	Large blotches
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Pendant
Number of fruits:	<=12
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Intermediate
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Green
Colour of the bract internal face:	Yellow or green
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	

Complementary information

Development of suckers: No apical dominance
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Moruah

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0050**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AA**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	East Highlands
Exact location:	Kafana, Mount Hagen
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG193
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Erect
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green-red
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Inhibited
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved at the base
Stigma colour:	Orange
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Pendant
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Pointed
Bract imbrication:	Old bracts overlap at apex of bud
Colour of the bract external face:	Green
Colour of the bract internal face:	Yellow or green
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	
Pulp in fruit:	
Pulp colour at maturity:	
Presence of seed with source of pollen:	
Seed shape:	

Complementary information

Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Bract imbrication: Like *M. acuminata* subsp. *malaccensis*

Ta

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0096**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AA**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Slender
Pseudostem colour:	Chimerical
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Rounded
Fruit apex:	Rounded
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	With a curve
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Pointed
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Orange red, red or pink/pink purple
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Mild taste

Cultivated varieties

AAA

Gros Michel

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0156**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Gros Michel

Origin

Origin:	Guadeloupe
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	21-25
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Pronounced ridges
Fruit apex:	pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	With a curve
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Pointed
Bract imbrication:	Old bracts overlap at apex of bud
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Persistent style
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Predominant underlying colour of the pseudostem: Watery green
Bract imbrication: Like *M. acuminata* subsp. *malaccensis*
Fruit apex: described as being 'bottle-necked' by other authors (Champion 1967, Simmonds 1954)

Highgate

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0161**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Gros Michel

Origin

Origin:	Honduras
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Black-purple

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Rust-coloured spots
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Bottle-necked
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Intermediate
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Semi-dwarf mutant of Gros Michel

Petite Naine

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0174**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Cavendish

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Normal
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Rust-coloured spots
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	White
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Synonyms: Extra-dwarf (NCL), Kiri Tia Mwin (NCL)
= Dwarf cavendish

Grande Naine

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	NEU0172
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	AAA
Subspecies/Subgroup:	Cavendish

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Milky
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Rust-coloured spots
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Blunt-tipped

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Slightly pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Pink-purple
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Moderatly waxy

Remains of flower relicts at fruit apex:	Persistent style
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	White
Presence of seed with source of pollen:	Inapplicable
Seed shape:	



Complementary information

Williams

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0005**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Cavendish

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Normal
Pseudostem colour:	Dark green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Milky
Number of suckers:	Less than 3
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (growing at an angle)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Rust-coloured spots
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved at the base
Stigma colour:	Yellow
Ovary basic colour:	White
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	
Fruit length [cm]**:**	
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Rounded
Fruit apex:	Lengthily pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Male flowers/bracts above the male bud (but the stalk is bare above flowers/bracts)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Slightly pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Persistent style
Fruit pedicel length [mm]**:**	20
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Dwarf Parfitt

ITC0548

Collection: ITC, Belgium

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number: ITC0548
Genus: *Musa*
Section: EUMUSA
Species/Group: AAA
Subspecies/Subgroup: Cavendish

Origin

Origin:
Province:
Exact location:
Collecting source:
Local/vernacular name (region/language):
Accession code:
Use of fruit:

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:
Pseudostem height [m]**:**
Pseudostem aspect:
Pseudostem colour:
Pseudostem appearance:
Pigmentation of the underlying pseudostem:
Sap colour:
Number of suckers:
Development of suckers:
Position of suckers:
Blotches at the petiole base:
Blotches colour:

Male flower

Compound tepal basic colour:
Compound tepal pigmentation:
Lobe colour of compound tepal:
Free tepal appearance:
Style shape:
Stigma colour:
Ovary basic colour:
Ovary pigmentation:

Fruit

Fruit position:
Number of fruits:
Fruit length [cm]**:**
Fruit shape:
Transverse section of fruits:
Fruit apex:
Remains of flower relicts at fruit apex:

Petiole/midrib/leaf

Petiole canal leaf III:
Colour of midrib dorsal surface:
Colour of cigar leaf dorsal surface:
Blotches on leaves of water suckers:

Inflorescence/male bud

Peduncle length [cm]**:**
Peduncle hairiness:
Bunch position:
Rachis type:
Rachis position:
Rachis appearance:
Male bud type:
Male bud shape:
Bract apex shape:
Bract imbrication:
Colour of the bract external face:
Colour of the bract internal face:
Bract scars on rachis:
Fading of colour on bract base:
Bract behaviour before falling:
Wax on the bract:

Fruit pedicel length [mm]**:**
Mature fruit peel colour:
Pulp in fruit:
Pulp colour at maturity:
Presence of seed with source of pollen:
Seed shape:



Complementary information

Extra dwarf Cavendish

Mossi

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0205**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Red

Origin

Origin:	Comoros
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Drooping
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green-red
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Milky
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Rounded
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	>=61
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers
Male bud type:	Normal (present)
Male bud shape:	Ovoid
Bract apex shape:	Obtuse and split
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Orange red, red or pink/pink purple
Pulp in fruit:	With pulp
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Synonyms: Figue Rose, Morato, Red Dacca, Morado
Rachis appearance: One to few hands only, stalk is bare below

Marau

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	SJR0040
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	AAA
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	East New Britain
Exact location:	Rapitok N° 3, Rabaul
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG025
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green-red
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Red
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Large blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved twice
Stigma colour:	Yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Blunt-tipped

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	>=61
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	With a curve
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Intermediate
Bract imbrication:	Old bracts overlap at apex of bud (like *M.. acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Moderatly waxy

Remains of flower relicts at fruit apex:	Persistent style
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Development of suckers: No apical dominance
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Pisang Ambon

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0227**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Ambon

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Chimerical
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Large blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Yellow
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	With a curve
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Ovoid
Bract apex shape:	Intermediate
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Ibota (Yangambi Km5)

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0212**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Ibota

Origin

Origin:	Zaire
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Large blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Very hairy, long hairs (>2mm)
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	At an angle
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	White
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Bract imbrication: like *M. acuminata* subsp. *burmannica*

Cultivated varieties

AAA

East African

Highland Bananas

Mpologoma

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0009**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Mbale district
Exact location:	Bubulo
Collecting source:	
Local/vernacular name (region/language):	Crop: Tooke-Nkago, cultivar: Mpologoma (Gisu dialect)
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Robust
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve), slender
Transverse section of fruits:	Slightly ridged
Fruit apex:	Bottle-necked

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Coarsely hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Ovoid
Bract apex shape:	Intermediate
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow towards the base
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Mudwale (Gisu dialect), Nakibizzi (Ganda dialect), Wansimirayo (Nkore dialect)
Ovules arrangement: Ovules present
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Muvubo

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0006**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Masaka District
Exact location:	Matete
Collecting source:	Farmer's field
Local/vernacular name (region/language):	Crop= Tooke-Nkago, cultivar= Muvubo (Ganda
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	<=12
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve), slender
Transverse section of fruits:	Rounded
Fruit apex:	Bottle-necked

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Coarsely hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Ovoid
Bract apex shape:	Slightly pointed
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Enjubo (Kihaya dialect), Ichumbura (Rwanda dialect), Mujuba (Nkore dialect), Sagasaga (Gwere dialect), Weetala (Gisu dialect)
Ovules arrangement: Ovules present
Development of suckers: Suckers with no tubular leaves
Use of fruit: Green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit used as flour. Peel used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Namunwe

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0010**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Mbale District
Exact location:	Bugobero
Collecting source:	
Local/vernacular name (region/language):	Crop= Kidoole-Likhago, Cultivar= Namuunga (Gisu)
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve), slender
Transverse section of fruits:	Rounded
Fruit apex:	Bottle-necked
Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Coarsely hairy
Bunch position:	Horizontal
Rachis type:	Present and male bud persistent
Rachis position:	At an angle
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Complementary information

Synonyms: Kiberekimu (Toro and Nyoro dialects), Namalighida (Soga dialect), Namamunga (Gisu), Namunget (Kupsabinyi dialect), Namuunga (Gisu dialect)
Ovules arrangement: Ovules present
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Musakala

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0008**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Mubende District
Exact location:	Mityana
Collecting source:	
Local/vernacular name (region/language):	Crop= Tooke=Nkago, Cultivar= Musakala (Ganda)
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve), slender
Transverse section of fruits:	Slightly ridged
Fruit apex:	Bottle-necked
Remains of flower relicts at fruit apex:	Without any floral relicts

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Coarsely hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Ovoid
Bract apex shape:	Slightly pointed
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Bandangeyo (Toro dialect), Luwata (Ganda dialect), Mawanga (Ganda dialect), Mayogi (Gwere dialect)
Ovules arrangement: Ovules present
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Enyoya

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0013**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Tanzania
Province:	Karagwe district
Exact location:	Chanika
Collecting source:	
Local/vernacular name (region/language):	Cultivar= Enyoya (Ganda dialect)
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	21-25
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Rounded
Fruit apex:	Rounded
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	
Bunch position:	Hanging vertically
Rachis type:	Present and male bud persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Ovoid
Bract apex shape:	Slightly pointed
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Enjoya (Luganda dialect), Mukutula (Ganda dialect)

Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Nakabululu

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0018**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Masaka District
Exact location:	Nyenje
Collecting source:	
Local/vernacular name (region/language):	Crop= Tooke-Nkago, cultivar= Nakabululu (Ganda)
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Without any floral relicts

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Coarsely hairy
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	At an angle
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Rounded
Bract apex shape:	Obtuse
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Beige-pink
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Butende (Nkore dialect), Embururu (Gisu dialect), Mburiondent (Kupsabinyi dialect), Tindemwa (Nkore dialect)
Ovules arrangement: Ovules present
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Entente

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0001**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Tanzania
Province:	Karagwe
Exact location:	Chanika
Collecting source:	Farmer's field
Local/vernacular name (region/language):	Entente (Haya)
Accession code:	
Use of fruit:	Cooking



D. Karamura

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Normal
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Black

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Coarsely hairy
Bunch position:	Slightly angled
Rachis type:	Present and male bud persistent
Rachis position:	At an angle
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Obtuse
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Persistent style
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Beige-pink
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Bunch shape: rounded
Ovules arrangement: Ovules present
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Kattabunyonyi

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0004**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Masaka District
Exact location:	Kiryankuyege
Collecting source:	Farmer's field
Local/vernacular name (region/language):	Crop: Tooke-Nkago, cultivar: Kattabunyonyi (Ganda)
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Normal
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Rounded
Fruit apex:	Rounded
Remains of flower relicts at fruit apex:	Persistent style
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Beige-pink
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Coarsely hairy
Bunch position:	Horizontal
Rachis type:	Present and male bud persistent
Rachis position:	At an angle
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Rounded
Bract apex shape:	Obtuse
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Complementary information

Synonyms: Enyitabunyonyi (Kinyambo dialect), Kahugabunyonyi (Toro and Nkore dialects), Kaitabunyoni (Toro and Nkore dialects), Mutebanyonyi (Ganda dialect), Muttabunyonyi (Ganda dialect)
Arrangements of ovules: ovules absent
Bunch shape: rounded
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Tall Nakyetengu

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0014**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Kapchorwa district
Exact location:	Kaseren
Collecting source:	
Local/vernacular name (region/language):	Crop:Tooke-Nkago, cultivar=Nakyetengu Omuwanvu
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Rounded
Fruit apex:	Pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Coarsely hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud persistent
Rachis position:	At an angle
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Ovoid
Bract apex shape:	
Bract imbrication:	Inapplicable
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	
Seed shape:	

Complementary information

Synonym: Nakitembut (Kupsabinyi dialect)
Ovules arrangement: Ovules present
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Butobe

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0023**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Masaka District
Exact location:	Kitto
Collecting source:	
Local/vernacular name (region/language):	Crop= Tooke-Nkago, cultivar= Butobe (Ganda)
Accession code:	
Use of fruit:	Cooking



D. Karamura

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Normal
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Black-purple

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Rounded
Fruit apex:	Rounded
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Slightly hairy
Bunch position:	Horizontal
Rachis type:	Present and male bud persistent
Rachis position:	At an angle
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Rounded
Bract apex shape:	Obtuse
Bract imbrication:	Inapplicable
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading to yellow towards the base
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Beige-pink
Presence of seed with source of pollen:	Inapplicable
Seed shape:	

Complementary information

Synonyms: Entobe (Haya), Kafunze (Ganda dialect), Wekhanga (Gisu dialect)
Pulp colour at maturity: No brown streaks
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Mbwazirume

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0021**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Mukono District
Exact location:	Nakisunga
Collecting source:	
Local/vernacular name (region/language):	Crop= Tooke Nkago, cultivar= Mbwazirume (Ganda)
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Several folding under apex (corrugated)
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Rounded
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Purplish-pink
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Coarsely hairy
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud persistent
Rachis position:	At an angle
Rachis appearance:	Neutral/male flowers and presence of withered bracts on the stalk
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Slightly pointed
Bract imbrication:	Old bracts overlap at apex
Colour of the bract external face:	Red purple
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow towards the base
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Beige-pink
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Malira Omunene (Soga dialect), Mpito (Gwere dialect), Mwanarifa (Haya dialect), Tsirume (Gisu dialect)
Ovules arrangement: Ovules present
Pulp colour at maturity: No brown streaks (sticky excretions) across the pulp
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Nandigobe

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0015**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Bushenyi District
Exact location:	Mitooma
Collecting source:	
Local/vernacular name (region/language):	Crop= Tooke-Nkago, cultivar= Nandigobe (Ganda)
Accession code:	
Use of fruit:	Cooking


D. Karamura

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved toward stalk
Number of fruits:	>=17
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve), slender
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Bottle-necked

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Coarsely hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Slightly pointed
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow towards the base
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Remains of flower relicts at fruit apex:	Persistent style
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Beige-pink
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Endyabawali (Toro dialect), Enjagata (Nkore dialect), Gonzowa (Gisu dialect), Kongowet (Kupsabinyi dialect)
Remains of flower relicts at fruit apex: both style and staminode remain
Ovules arrangement: Ovules present
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Nakitembe

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0005**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Bushenyi
Exact location:	Nyarubaare
Collecting source:	Farmer's field
Local/vernacular name (region/language):	Crop:Tooke-Nkago, cultivar: Nakitembe (Ganda)
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Slightly ridged
Fruit apex:	Lengthily pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Inapplicable
Bunch position:	Coarsely hairy
Rachis type:	Present and male bud persistent
Rachis position:	At an angle
Rachis appearance:	Neutral/male flowers on the whole stalk without persistent bracts (e.g. AA var. 'Tuu Gia')
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Slightly pointed
Bract imbrication:	Old bracts overlap at apex of bud
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading to yellow down the base
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Remains of flower relicts at fruit apex:	Persistent style
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Beige-pink
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Enshembashembe (Nkore dialect), Entaragaza (Nkore dialect), Ingoromora (Rwanda dialect), Kinunu (Ganda dialect), Nakitembu (Nyoro dialect), Nakitengura (Burundi)
Bract imbrication: Like *M. acuminata* subsp. *malaccensis*
Ovules arrangement: Ovules present
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Namaliga

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0003**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Luwero
Exact location:	Katikamu
Collecting source:	Farmer's field
Local/vernacular name (region/language):	Crop= Tooke-Nkago, cultivar= Namaliga (Ganda)
Accession code:	
Use of fruit:	Cooking



D. Karamura

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Bottle-necked
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Coarsely hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Ovoid
Bract apex shape:	Intermediate
Bract imbrication:	Old bracts overlap at apex of bud
Colour of the bract external face:	purple-green
Colour of the bract internal face:	Green red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base),
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Beige-pink
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Kiriga (Ganda dialect), Musibampina (Ganda dialect), Oruhuna (Kiga dialect), Wakiriga (Ganda dialect)
Bract imbrication: Like *M. acuminata* subsp. *malaccensis*
Fading colour on bract base: fading to yellow down the base
Fruit shape (longitudinal curvature): slender and curved
Remains of flower relicts at fruit apex: style and staminodes remain
Ovules arrangement: Ovules present
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Atwalira

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0017**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Luweero District
Exact location:	Kanumbu
Collecting source:	
Local/vernacular name (region/language):	Crop= Tooke-Nkago, Cultivar= Atwalira Nyina Talemererwa (Ganda dialect)
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved towards stalk
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Without any floral relicts

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Coarsely hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Slightly pointed
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow towards the base
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Nalugolima (Ganda dialect), Nassaba (Soga dialect), Siira White (Ganda dialect)
Ovules arrangement: Ovules present
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Lusumba

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0011**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Luweero District
Exact location:	Nakaseke
Collecting source:	
Local/vernacular name (region/language):	Crop= Tooke-Nkago, Cultivar= Lusumba (Ganda)
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Slender
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	<=12
Fruit length [cm]**:**	16-20
Fruit shape:	
Transverse section of fruits:	Rounded
Fruit apex:	Rounded

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Coarsely hairy
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	At an angle
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Slightly pointed
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow towards the base
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax
Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Kyewogola (Ganda dialect), Namamuka (Gisu dialect)
Fruit shape: Gourd shape
Ovules arrangement: Ovules present
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Nasuuna

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0012**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Luweero District
Exact location:	Kalagala
Collecting source:	
Local/vernacular name (region/language):	Crop: Tooke-Nkago, Cultivar:Nasuuna (Ganda)
Accession code:	
Use of fruit:	Cooking



D. Karamura

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Coarsely hairy
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	At an angle
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Slightly pointed
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow towards the base
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Lwefusa (Ganda dialect)
Colour of the leaf upper surface: variegated
Ovules arrangement: Ovules present
Immature fruit peel colour: variegated
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Nakibira

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0020**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Luweero District
Exact location:	Semuto
Collecting source:	
Local/vernacular name (region/language):	Crop: Tooke-Nkago, cultivar: Nakibira (Ganda dialect)
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Rounded
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Without any floral relicts

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Coarsely hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud persistent
Rachis position:	At an angle
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Slightly pointed
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow towards the base
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Mukazi-Mugumba (Ganda dialect)
Ovules arrangement: Ovules present
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Ntika

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0016**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Luweero District
Exact location:	Semuto
Collecting source:	Farmer's field
Local/vernacular name (region/language):	Crop: Tooke-Nkago, Cultivar: Ntika (Ganda)
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Coarsely hairy
Bunch position:	Slightly angled
Rachis type:	Present and male bud persistent
Rachis position:	With a curve
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Slightly pointed
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow towards the base
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Complementary information

Synonyms: Lwaddungu (Ganda dialect), Siba-Nkutike (Ganda dialect)
Ovules arrangement: Ovules present
Development of suckers: Suckers with no tubular leaves
Use of fruit: green fruit used as food, chips, cakes and pancakes, medicine. Dried fruit is used as flour. Peel is used as animal feed. Burnt ash used as preservative. Burnt peelings used to flavour roasted meat and drinking water pots. Ripened fruit can be used as dessert

Nalukira

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0007**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Masaka
Exact location:	Bukoto
Collecting source:	Farmer's field
Local/vernacular name (region/language):	Crop: Tooke-Mbidde, cultivar: Nalukira (Ganda)
Accession code:	
Use of fruit:	Beer



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Black

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Coarsely hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Slightly pointed
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow towards the base
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Kibagammpera (Soga dialect), Namunyere (Gisu dialect), Shombo-Obureku (Nkore dialect), Zisu (Ganda dialect)
Pulp colour at maturity: Ivory with brown sticky excretion across the pulp
Ovules arrangement: Ovules present
Development of suckers: Suckers with no tubular leaves
Use of fruit: ripened fruit used for juice or alcohol

Kabula

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0022**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Masaka District
Exact location:	Bukoto
Collecting source:	
Local/vernacular name (region/language):	Crop= Tooke-Mbidde, cultivar= Kabula (Ganda)
Accession code:	
Use of fruit:	Beer



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Several folding under apex (corrugated)
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Rounded
Fruit apex:	Rounded
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Coarsely hairy
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud persistent
Rachis position:	At an angle
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Slightly pointed
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading to yellow towards the base
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	

Complementary information

Synonyms: Enywamaizi (Nkore dialect), Namadhi (Soga dialect), Nametsi (Gisu dialect)
Pulp colour at maturity: Ivory with brown streaks (sticky excretions) across the pulp
Ovules arrangement: Ovules present
Use of fruit: ripened fruit used for juice or alcohol

Nsowe

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0002**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Madaka District
Exact location:	Bukoto
Collecting source:	Farmer's field
Local/vernacular name (region/language):	Cultivar:Tooke-Mbide, crop: Nsowe (Ganda)
Accession code:	
Use of fruit:	Beer



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Coarsely hairy
Bunch position:	Slightly angled
Rachis type:	Truncated, no bract scar below the last hand of fruit
Rachis position:	At an angle
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Slightly pointed
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading to yellow towards the base
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Katalibwa-Mbuzi (Nkore dialect)
Pulp colour at maturity: Ivory with brown streaks (sticky excretions) across the pulp.
Ovules arrangement: Ovules present
Development of suckers: Suckers with tubular leaves
Use of fruit: ripened fruit used for juice or alcohol

Ntukura

Collection: NARO-KARI (KAWANDA), Uganda

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**KAW0019**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAA**
Subspecies/Subgroup:	Mutika/Lujugira

Origin

Origin:	Uganda
Province:	Bushenyi District
Exact location:	Bunyaruguru
Collecting source:	
Local/vernacular name (region/language):	Crop: Kitookye-Mbiire, cultivar: Entukura (Nkore)
Accession code:	
Use of fruit:	Beer



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Black-purple

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Lengthily pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	purplish-pink
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Coarsely hairy
Bunch position:	Slightly angled
Rachis type:	Present and male bud
Rachis position:	At an angle
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Slightly pointed
Bract imbrication:	
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base), fading yellow towards the base
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms: Engambani (Nkore dialect), Enjumba (Toro dialect), Omwangihari (Toro dialect)
Ovules arrangement: Ovules present
Pulp colour at maturity: with brown streaks (sticky excretions) across the pulp
Development of suckers: Suckers with no tubular leaves
Use of fruit: ripened fruit used for juice or alcohol

Cultivated varieties

AAAA

Pisang Ustrali (Brazil)

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0374**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAAA**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Yellow
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	26-30
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Rounded

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Pointed
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very waxy

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Cultivated varieties

AB

Safet Velchi

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0152**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AB**
Subspecies/Subgroup:	Ney Poovan

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Pink/pink-purple
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	<=15
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Without any floral relicts

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts greatly overlap (like *M. acuminata* subsp. *burmannica*)
Colour of the bract external face:	Purple
Colour of the bract internal face:	Purple
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Synonyms: Lady's finger, Ney Poovan, Kisubi

Cultivated varieties

AAB

Iholena (Uzakan)

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0038**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Iholena

Origin

Origin:	Papua New Guinea
Province:	East Highlands
Exact location:	Zabunka, Mount Hagen
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG196
Use of fruit:	dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	Red-purple
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved under stigma
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Without any floral relicts

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Red-purple
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Intermediate
Bract imbrication:	Old bracts overlap at apex of bud (like *M.acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Purple
Colour of the bract internal face:	Purple
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Moderatly waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	
Seed shape:	

Complementary information

Development of suckers: No apical dominance
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Laknau

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0343**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Laknau

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Medium green
Pseudostem appearance:	waxy
Pigmentation of the underlying pseudostem:	Red
Sap colour:	Moderately milky
Number of suckers:	24
Development of suckers:	Inhibited
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Black-purple

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	With a curve
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Male bud with discolouration, degenerating at maturity different from Giant Laknau
Sap not abundant

Pisang Ceylan

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0284**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Mysore

Origin

Origin:	Malaysia
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Curved at the base
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Rounded
Fruit apex:	Bottle-necked
Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	White
Presence of seed with source of pollen:	<5
Seed shape:	

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Slightly pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very waxy



Complementary information

Silk (Malbhog)

Collection: NRCB, India

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**TRY0077**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Silk

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Large blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved at the base
Stigma colour:	Orange
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved towards stalk
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, long hairs (>2mm)
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	At an angle
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very few wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Synonyms in India: Amrithapani, Digjowa, Dudhsagar, Honda, Kozhikodu, Madhuranga, Malbhog, Nanjankode Rasabale, Saapkal, Sabri, Suvandal, Thozhuvan
Other synonyms: Manzana, Latundan, Pisang rasthali, Silk fig
Susceptible to physiological disorder, hard lumps in uncongenial weather conditions
Peel of ripe fruit splits easily

Figue Pomme Naine

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0295**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Silk

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Robust
Pseudostem colour:	Medium green
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Without pigmentation
Blotches colour:	

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Rounded
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	<5
Seed shape:	

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Degenerating before maturity (like false-horn 'Plantain')
Male bud shape:	
Bract apex shape:	
Bract imbrication:	
Colour of the bract external face:	
Colour of the bract internal face:	
Bract scars on rachis:	
Fading of colour on bract base:	
Bract behaviour before falling:	
Wax on the bract:	

Complementary information

Dwarf mutant of Silk

Prata Anã

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0310**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Pome

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Bottle-necked

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Synonyms: Lady's finger, Santa Catarina Prata (Hawaii)
Bract imbrication: Like *M. acuminata* subsp. *burmannica*

Pacific Plantain

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0015**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Maia Maoli/Popoulu

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Erect
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Robust
Pseudostem colour:	Green-red
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (growing at an angle)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Curved under stigma
Stigma colour:	Cream
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	
Fruit length [cm]**:**	
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Rounded
Fruit apex:	Rounded
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Red-purple
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Slightly pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Moderatly waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Distribution: Most common in the Pacific Islands
Value for descriptor **petiole canal Leaf III** has been chosen with reference to leaf VI
Free tepal shape: 'irregular'

Mangaro Torotea

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0016**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Maia Maoli/Popoulu

Origin

Origin:	Cook Islands
Province:	Aitutaki
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Dark green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	Less than 3
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved at the base
Stigma colour:	Yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	
Fruit length [cm]**:**	
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Blunt-tipped

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Intermediate
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Orange red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Moderatly waxy

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Distribution: Most common in the Pacific Islands
Value for descriptor **Petiole canal leaf II**) has been chosen with reference to leaf VI

Ainu

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0017**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Maia Maoli/Popoulu

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Robust
Pseudostem colour:	Dark green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	Less than 3
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Rust-coloured spots
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved twice
Stigma colour:	Bright yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	
Fruit length [cm]**:**	
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Rounded
Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	
Pulp in fruit:	
Pulp colour at maturity:	
Presence of seed with source of pollen:	
Seed shape:	

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Hairless
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Slightly pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very waxy



Complementary information

Distribution: Most common in the Pacific Islands
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Hua Moa

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0033**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Maia Maoli/Popoulu

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Dark green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Watery
Number of suckers:	Less than 3
Development of suckers:	
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Curved under stigma
Stigma colour:	Orange
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	
Fruit length [cm]**:**	
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Slightly ridged
Fruit apex:	Rounded
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	With a curve
Rachis appearance:	Bare
Male bud type:	Degenerating before maturity (like false-horn 'Plantain')
Male bud shape:	Lanceolate
Bract apex shape:	Slightly pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Moderatly waxy

Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	Inapplicable
Seed shape:	



Complementary information

Distribution: Most common in the Pacific Islands
Development of suckers: No apical dominance
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Pisang Nangka

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0353**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Pisang Nangka

Origin

Origin:	Indonesia
Province:	
Exact location:	Cibinong
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Normal
Pseudostem colour:	Green
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Moderately milky
Number of suckers:	6 or more
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Black-purple

Male flower

Compound tepal basic colour:	White
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Sap is highly abundant

Bract imbrication: Like *M. acuminata* subsp. *burmannica*

Pisang Raja Bulu

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0319**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Pisang Raja

Origin

Origin:	Indonesia
Province:	
Exact location:	
Collecting source:	Cibinong
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Robust
Pseudostem colour:	Green-red
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Highly milky
Number of suckers:	6 or more
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Cream
Ovary basic colour:	White
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Lengthily pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	>=61
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Pink-purple
Colour of the bract internal face:	Pink-purple
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Bract imbrication: Like *M. acuminata* subsp. *burmannica*

Pisang Seribu

Collection: BPI (DAVAO), Philippines

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number: DAV0106
Genus: *Musa*
Section: EUMUSA
Species/Group: AAB
Subspecies/Subgroup:

Origin

Origin: Malaysia
Province:
Exact location:
Collecting source:
Local/vernacular name (region/language):
Accession code:
Use of fruit: Dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:
Pseudostem height [m]**:**
Pseudostem aspect:
Pseudostem colour:
Pseudostem appearance:
Pigmentation of the underlying pseudostem:
Sap colour:
Number of suckers:
Development of suckers:
Position of suckers:
Blotches at the petiole base:
Blotches colour:

Male flower

Compound tepal basic colour:
Compound tepal pigmentation:
Lobe colour of compound tepal:
Free tepal appearance:
Style shape:
Stigma colour:
Ovary basic colour:
Ovary pigmentation:

Fruit

Fruit position:
Number of fruits:
Fruit length [cm]**:**
Fruit shape:
Transverse section of fruits:
Fruit apex:
Remains of flower relicts at fruit apex:

Petiole/midrib/leaf

Petiole canal leaf III:
Colour of midrib dorsal surface:
Colour of cigar leaf dorsal surface:
Blotches on leaves of water suckers:

Inflorescence/male bud

Peduncle length [cm]**:**
Peduncle hairiness:
Bunch position:
Rachis type:
Rachis position:
Rachis appearance:
Male bud type:
Male bud shape:
Bract apex shape:
Bract imbrication:
Colour of the bract external face:
Colour of the bract internal face:
Bract scars on rachis:
Fading of colour on bract base:
Bract behaviour before falling:
Wax on the bract:

Fruit pedicel length [mm]**:**
Mature fruit peel colour:
Pulp in fruit:
Pulp colour at maturity:
Presence of seed with source of pollen:
Seed shape:

Complementary information

Synonyms: *Musa chiliocarpa:* banana with 1000 fruits. Plant bears long and extended fruit bunch which grows until almost touching the ground. Fruits are miniature

Cultivated varieties

AAB

Plantains

Rouge de Loum

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0185**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	Littoral
Exact location:	Loum
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Red
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	slightly milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	Simple folding under apex
Style shape:	Curved at the base
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Bottle-necked
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	red-purple
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Rounded
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Giant French type

Bract imbrication: Like *M. acuminata* subsp. *burmannica*

French Rouge 18

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0184**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Congo
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Red-purple
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Watery
Number of suckers:	6 or more
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Pink/pink-purple
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	21-25
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed

Petiole/midrib/leaf

Petiole canal leaf III:	margins curved inward
Colour of midrib dorsal surface:	Pink
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Giant French type

Bract imbrication: Like *M. acuminata* subsp. *burmannica*

Ntie

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0186**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	South
Exact location:	Kribi
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Red-purple
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved under stigma
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Curved towards stalk
Number of fruits:	>=17
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Red-purple
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Rounded
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Pinkish
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Giant French type

Bract imbrication: Like *M. acuminata* subsp. *burmannica*

Nyombé 1

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0190**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	Littoral
Exact location:	Nyombé
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green-red
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	watery
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved towards stalk
Number of fruits:	>=17
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Rounded
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Pink-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Giant French type

Synonyms: Ebare Egome, Medouma, Osabum

Bract imbrication: Like *M. acuminata* subsp. *burmannica*

Njock Kon

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0192**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>2
Pseudostem aspect:	Robust
Pseudostem colour:	Green-red
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Moderatly milky
Number of suckers:	3 to 5
Development of suckers:	Inhibited
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	Simple folding under apex
Style shape:	Curved under stigma
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved towards stalk
Number of fruits:	>=17
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Purple
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Semi dwarf of giant French type with a very large bunch (can reach 50 kg)

Pseudostem aspect: Very robust pseudostem (Njock Kon = like elephant foot). Pseudostem height between 2 and 3 meters

Bract imbrication: Like *M. acuminata* subsp. *burmannica*

Rose d'Ekona

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0196**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Red-purple
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Green
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Purple
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Medium size French type

Red Yade

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0197**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	Centre
Exact location:	Yaoundé
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	<=2
Pseudostem aspect:	Normal
Pseudostem colour:	Red-purple
Pseudostem appearance:	Shiny
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Inhibited
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Without pigmentation
Blotches colour:	

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	Simple folding under apex
Style shape:	
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved towards stalk
Number of fruits:	>=17
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Purple
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Dwarf of medium French type
Small pseudostem with large and short leaves

French Clair

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0201**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Slightly pink-purple
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Medium size French type
Synonym: Obino L'Ewai
Bract imbrication: Like *M. acuminata* subsp. *burmannica*

French Sombre

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0200**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Dark green
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Slightlly pink-purple
Sap colour:	Moderatly milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Medium sized French type
Synonyms: Alou vini, Black planty, Obubit Ntanga (Nigeria)
Dark green immature fruits

Amou

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0203**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Light green
Pseudostem appearance:	Shiny
Pigmentation of the underlying pseudostem:	Without pigmentation
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Absent or very rare
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Orange
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Intermediate
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Pink-purple
Colour of the bract internal face:	Purple
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Beige-pink
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Medium sized French type
The pseudostem is particularly light green and the blotches are very rare. Contrary to most French type plantains with red-purple or purple male bud, the external colour of its male bud is particularly pink-purple or pinkish.

Messiatso

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0272**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	West
Exact location:	Bagam
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Orange
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Pendant
Number of fruits:	13-16
Fruit length [cm]**:**	26-30
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Medium sized French type
Yellow green peel of immature fruits

Kwa

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0204**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Red
Sap colour:	Watery
Number of suckers:	6 or more
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	More or less smooth
Style shape:	Curved under stigma
Stigma colour:	Cream
Ovary basic colour:	White
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Slightly ridged
Fruit apex:	Bottle-necked

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Slightly pointed
Bract imbrication:	Old bracts overlap at apex of bud
Colour of the bract external face:	Pink-purple
Colour of the bract internal face:	Pink-purple
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Medium sized French type

Bract imbrication: Like *M. acuminata* subsp. *malaccensis*

Ekona N°1

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0205**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Ovoid
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Purple
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Complementary information

Medium sized French type
Sometimes, rachis is almost bare
Bract imbrication: Like *M. acuminata* subsp. *burmannica*

Elat

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0207**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Drooping
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Medium green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Moderately milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Pink/pink-purple
Ovary basic colour:	White
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Medium sized French type

Synonym: Nselouka

Kelong Mekintu

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0209**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	West
Exact location:	Foumbot
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Milky
Number of suckers:	6 or more
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Cream
Ovary basic colour:	White
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Bottle-necked

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Slightly hairy
Bunch position:	at an angle
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Medium sized French type
Synonym: Bobby Tannap
Particular bunch type: Bobby Tannap sub-horizontal type, short rachis
Male bud type: like *M. acuminata* subsp. *burmannica*

Moto Mo Liko

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0210**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	South West
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Chimerical
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Bottle-necked

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Rounded
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Remains of flower relicts at fruit apex:	Persistent style
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Bright yellow with white lines or stripes
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Medium sized French type
Bunch type: Bobby Tannap or Kelong Mekintu
Leaves and fruits highly chimeric, green/white.

Kar Ngou

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0211**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green-red
Pseudostem appearance:	Shiny
Pigmentation of the underlying pseudostem:	
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	Simple folding under apex
Style shape:	
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Bottle-necked

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Brown
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Medium sized French type

Synonyms: Ntanga 3, Zue Ekon

Essong

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0217**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	South
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green-red
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	6 or more
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved at the base
Stigma colour:	Cream
Ovary basic colour:	White
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>= 17
Fruit length [cm]**:**	23-26
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	
Seed shape:	

Complementary information

Giant French type

Bract imbrication: Like *M. acuminata* subsp. *burmannica*

Mululou

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0299**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Gabon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Red-black
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Black-purple

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Slightly purple
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	
Bract apex shape:	
Bract imbrication:	
Colour of the bract external face:	
Colour of the bract internal face:	
Bract scars on rachis:	
Fading of colour on bract base:	
Bract behaviour before falling:	
Wax on the bract:	

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	21-25
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Pink
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Medium sized French Type.
Male bud shape: Rounded

Atia Ndjokou

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0316**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Watery
Number of suckers:	6 or more
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Rust-coloured spots
Lobe colour of compound tepal:	Cream
Free tepal appearance:	Simple folding under apex
Style shape:	Curved at base
Stigma colour:	Cream
Ovary basic colour:	White
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	26-30
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	



Complementary information

Medium sized French type

Bract imbrication: Like *M. acuminata* subsp. *burmannica*

Batard

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0213**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green-red
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	Simple folding under apex
Style shape:	Curved at base
Stigma colour:	Yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Bottle-necked
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	At an angle
Rachis appearance:	Neutral flowers
Male bud type:	Degenerating before maturity (like false-horn 'Plantain')
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Purple
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Not evaluated
Seed shape:	

Complementary information

Medium sized French-horn type
Rachis appearance: One to few hands only, stalk is bare below

3 Vert

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0214**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Congo
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green-red
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Drak pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	curved at the base
Stigma colour:	yellow
Ovary basic colour:	green
Ovary pigmentation:	without pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Bottle-necked
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Pink purple (like Batard)
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	At an angle
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Degenerating before maturity
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Purple
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Not evaluated
Seed shape:	



K. Tomekpe

Complementary information

Medium sized French horn type

Osoaboaso

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0241**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Ghana
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green-red
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	
Sap colour:	Moderately milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Dark pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	curved under stigme
Stigma colour:	Yellow
Ovary basic colour:	Light green
Ovary pigmentation:	without pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Degenerating before maturity
Male bud shape:	Lanceolate
Bract apex shape:	Slightly pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Not evaluated
Seed shape:	



Complementary information

Medium sized French horn type
In some environments this variety is described as 'small-type French horn'

Mbouroukou N°1

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0233**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	Littoral
Exact location:	Station Mbouroukou / Manengouba
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Fruit

Fruit position:	Pendant
Number of fruits:	<=12
Fruit length [cm]**:**	26-30
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Degenerating before maturity
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Not evaluated
Seed shape:	

Complementary information

Medium sized Flase horn type.
Synonyms: Maliwa Ma Liko, White Man Planty, Africa No.1 (Colombia), Eba Oboikpa (Nigeria)
Fruits are yellow and pending before maturity

Didiedi

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0206**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Congo
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Dark green
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	<=12
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Degenerating before maturity
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Young bracts slightly overlap before degenaration of male bud
Colour of the bract external face:	
Colour of the bract internal face:	
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	
Bract behaviour before falling:	Not revolute
Wax on the bract:	

Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Brown/rusty brown
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	No
Seed shape:	



K. Tomekpe

Complementary information

Medium sized False horn type
Edge of petiole margin highly coloured with red-purple

Corne Rouge 18

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0215**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Congo
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Red-purple
Pseudostem appearance:	Shiny
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Pinkish
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Red-purple
Colour of cigar leaf dorsal surface:	Purple
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Degenerating before maturity
Male bud shape:	Lanceolate
Bract apex shape:	Slightly pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Purple brown
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Not evaluated
Seed shape:	



Complementary information

Medium sized False horn type

Big Ebanga

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0216**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	South
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green-red
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Degenerating before maturity
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Not evaluated
Seed shape:	

Complementary information

Giant False horn type

Nzorba

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0219**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Black
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Watery
Number of suckers:	6 or more
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Large blotches
Blotches colour:	Black-purple

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Purple to blue
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers and bracts (one to few hands only, stalk is bare below)
Male bud type:	Degenerating before maturity
Male bud shape:	
Bract apex shape:	Pointed
Bract imbrication:	Young bracts greatly overlap before male bud degeneration
Colour of the bract external face:	
Colour of the bract internal face:	
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	
Bract behaviour before falling:	Not revolute
Wax on the bract:	

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	<=12
Fruit length [cm]**:**	21-25
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Rounded
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	base of style prominent
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	No
Seed shape:	

Complementary information

Medium False horn type

Synonym: Obubit Ukom (Obubit= Dark and Ukom= False horn or horn-like)

Abomienu

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0312**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Ghana
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Robust
Pseudostem colour:	Green-red
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	6 or more
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Degenerating before maturity
Male bud shape:	
Bract apex shape:	
Bract imbrication:	
Colour of the bract external face:	
Colour of the bract internal face:	
Bract scars on rachis:	
Fading of colour on bract base:	
Bract behaviour before falling:	
Wax on the bract:	

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	
Fruit length [cm]**:**	
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Slightly ridged
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	orange
Presence of seed with source of pollen:	No
Seed shape:	

Complementary information

Medium False horn type.
In some environments this variety is described as 'small-type French horn'
Fruits more or less yellow green before maturity.

Red Ebanga

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0221**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	Red
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Not evaluated
Seed shape:	

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Red-purple
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers
Male bud type:	Degenerating before maturity
Male bud shape:	Lanceolate
Bract apex shape:	Slightly pointed
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Purple
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Complementary information

Medium False horn type

Rachis appearance: one to few hands only, stalk is bare below

Red Ogoni

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0222**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Nigeria
Province:	
Exact location:	
Collecting source:	IITA Collection
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



K. Tomekpe

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	Green-red
Pseudostem appearance:	Shiny
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	
Pulp in fruit:	With pulp
Pulp colour at maturity:	
Presence of seed with source of pollen:	Not evaluated
Seed shape:	

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers
Male bud type:	Degenerating before maturity
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Purple brown
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Complementary information

Giant False horn type

Rachis appearance: one to few hands only, stalk is bare below

Ebang

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0223**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	Bivouzok
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Milky
Number of suckers:	6 or more
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Petiole/midrib/leaf

Petiole canal leaf III:	Margins overlapping
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	At an angle
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Degenerating before maturity
Male bud shape:	
Bract apex shape:	Pointed
Bract imbrication:	
Colour of the bract external face:	
Colour of the bract internal face:	
Bract scars on rachis:	
Fading of colour on bract base:	
Bract behaviour before falling:	
Wax on the bract:	

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	26-30
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Slightly ridged
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	No
Seed shape:	

Complementary information

Medium False horn type
Synonym: Agbagba
Sap aspect: viscous

Corne Type

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0224**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	Littoral
Exact location:	Njombe
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green-red
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	21-25
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Not evaluated
Seed shape:	

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers
Male bud type:	Degenerating before maturity
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Purple
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Complementary information

Medium False horn type
Rachis appearance: one to few hands only, stalk is bare below

Orishele

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0225**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Nigeria
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



K. Tomekpe

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Drooping
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Slender
Pseudostem colour:	Medium green
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Red
Sap colour:	Red-purple
Number of suckers:	3 to 5
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Large blotches
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	<=12
Fruit length [cm]**:**	21-25
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Slightly ridged
Fruit apex:	Pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Red-purple
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	> 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging at angle 45°
Rachis type:	Present
Rachis position:	Falling vertically
Rachis appearance:	A few neutral flowers and rere male bracts
Male bud type:	Degenerating before maturity
Male bud shape:	
Bract apex shape:	Pointed
Bract imbrication:	Young bracts slightly overlap before malde bud degeneration
Colour of the bract external face:	Purple
Colour of the bract internal face:	Red-purple
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	
Bract behaviour before falling:	
Wax on the bract:	

Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Not evaluated
Seed shape:	

Complementary information

Medium False horn type

Moto Ebanga

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0234**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Chimerical
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	At an angle
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Degenerating before maturity
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Purple
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Not evaluated
Seed shape:	

Complementary information

Medium False horn type
Sap aspect: Viscous, non abundant
Mature fruit peel colour: with persistence of white lines or stripes

Esang

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0230**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	Green-red
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	<=12
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Brown/rusty brown
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Not evaluated
Seed shape:	

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Degenerating before maturity
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Purple
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy



Complementary information

Giant False horn type

76-17

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0202**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Nigeria
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green-red
Pseudostem appearance:	Shiny
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Black-purple

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Purple
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Horizontal
Rachis type:	Truncated, no bract scar below the last hand of fruit
Rachis position:	
Rachis appearance:	
Male bud type:	Like true-horn 'Plantain' (absent)
Male bud shape:	
Bract apex shape:	
Bract imbrication:	
Colour of the bract external face:	
Colour of the bract internal face:	
Bract scars on rachis:	
Fading of colour on bract base:	
Bract behaviour before falling:	
Wax on the bract:	

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	26-30
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	No
Seed shape:	



Complementary information

Medium sized True horn type
Synonym: Ubok Iba
Petiole margin highly pinkish to red.

Diby 1

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	NYO0227
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	AAB
Subspecies/Subgroup:	Plantain

Origin

Origin:	Côte d'Ivoire
Province:	
Exact location:	
Collecting source:	IRFA Collection
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



K. Tomekpe

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green-red
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Truncated, no bract scar below the last hand of fruit
Rachis position:	
Rachis appearance:	
Male bud type:	Like true-horn 'Plantain' (absent)
Male bud shape:	
Bract apex shape:	
Bract imbrication:	
Colour of the bract external face:	
Colour of the bract internal face:	
Bract scars on rachis:	
Fading of colour on bract base:	
Bract behaviour before falling:	
Wax on the bract:	

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	21-25
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Not evaluated
Seed shape:	

Complementary information

Giant True horn type with ten hands
Edge of petiole margin highly pink

Igihobe

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0301**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Rwanda
Province:	
Exact location:	Rubona
Collecting source:	ISAR Collection
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Watery
Number of suckers:	6 or more
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Erect
Rachis type:	Truncated, no bract scar below the last hand of fruit
Rachis position:	
Rachis appearance:	
Male bud type:	
Male bud shape:	
Bract apex shape:	
Bract imbrication:	
Colour of the bract external face:	
Colour of the bract internal face:	
Bract scars on rachis:	
Fading of colour on bract base:	
Bract behaviour before falling:	
Wax on the bract:	

Fruit

Fruit position:	Pendant
Number of fruits:	<=12
Fruit length [cm]**:**	>=31
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Rounded
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	Not evaluated
Seed shape:	

Complementary information

Mediume sized True horn type with green yellow fruits
It produces sometimes a peduncle without a bunch or only with one fruit or with one, two or three hands

Biya 2

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0292**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	South
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Red-purple
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Watery
Number of suckers:	6 or more
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	Black-purple

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	>=31
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Slightly ridged
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Light green
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	>=61
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	At an angle
Rachis appearance:	Bare
Male bud type:	Like true-horn 'Plantain' (absent)
Male bud shape:	
Bract apex shape:	
Bract imbrication:	
Colour of the bract external face:	
Colour of the bract internal face:	
Bract scars on rachis:	
Fading of colour on bract base:	
Bract behaviour before falling:	
Wax on the bract:	

Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Not evaluated
Seed shape:	



Complementary information

Medium sized True horn type

2 Hands Planty

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0236**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AAB**
Subspecies/Subgroup:	Plantain

Origin

Origin:	Cameroon
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking, frying, pounding, roasting



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	Green-red
Pseudostem appearance:	Waxy
Pigmentation of the underlying pseudostem:	
Sap colour:	Moderately milky
Number of suckers:	3 to 5
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	>=31
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Green-yellow
Colour of cigar leaf dorsal surface:	
Blotches on leaves of water suckers:	Large purple blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Slightly hairy
Bunch position:	Erect
Rachis type:	Truncated, no bract scar below the last hand of fruit
Rachis position:	
Rachis appearance:	
Male bud type:	Like true-horn 'Plantain' (absent)
Male bud shape:	
Bract apex shape:	
Bract imbrication:	
Colour of the bract external face:	
Colour of the bract internal face:	
Bract scars on rachis:	
Fading of colour on bract base:	
Bract behaviour before falling:	
Wax on the bract:	

Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	Not evaluated
Seed shape:	

Complementary information

Medium sized True horn type

Cultivated varieties

ABB

Birbutia

Collection: NRCB, India

PASSPORT CHARACTERIZATION

Accession descriptors

Accession number:	TRY0086
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	ABB
Subspecies/Subgroup:	

Origin

Country of origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Dark green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	6 or more
Development of suckers:	
Position of suckers:	
Blotches at the petiole base:	Extensive pigmentation
Blotches colour:	

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	
Stigma colour:	Cream
Ovary basic colour:	Cream
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	>=61
Peduncle hairiness:	Very hairy, long hairs (>2mm)
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Red
Bract scras on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Moderatly waxy

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	
Pulp in fruit:	With pulp
Pulp colour at maturity:	
Presence of seed with source of pollen:	
Seed shape:	

Complementary information

Synonyms: Ashy Chakkia, Cherapadathi

Silver Bluggoe

Collection: ITC, Belgium

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**ITC0364**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**ABB**
Subspecies/Subgroup:	Bluggoe

Origin

Origin:
Province:
Exact location:
Collecting source:
Local/vernacular name (region/language):
Accession code:
Use of fruit: Cooking



J. Daniells

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:
Pseudostem height [m]**:**
Pseudostem aspect:
Pseudostem colour:
Pseudostem appearance:
Pigmentation of the underlying pseudostem:
Sap colour:
Number of suckers:
Development of suckers:
Position of suckers:
Blotches at the petiole base:
Blotches colour:

Male flower

Compound tepal basic colour:
Compound tepal pigmentation:
Lobe colour of compound tepal:
Free tepal appearance:
Style shape:
Stigma colour:
Ovary basic colour:
Ovary pigmentation:

Fruit

Fruit position:
Number of fruits:
Fruit length [cm]**:**
Fruit shape:
Transverse section of fruits:
Fruit apex:
Remains of flower relicts at fruit apex:

Petiole/midrib/leaf

Petiole canal leaf III:
Colour of midrib dorsal surface:
Colour of cigar leaf dorsal surface:
Blotches on leaves of water suckers:

Inflorescence/male bud

Peduncle length [cm]**:**
Peduncle hairiness:
Bunch position:
Rachis type:
Rachis position:
Rachis appearance:
Male bud type:
Male bud shape:
Bract apex shape:
Bract imbrication:
Colour of the bract external face:
Colour of the bract internal face:
Bract scars on rachis:
Fading of colour on bract base:
Bract behaviour before falling:
Wax on the bract:

Fruit pedicel length [mm]**:**
Mature fruit peel colour:
Pulp in fruit:
Pulp colour at maturity:
Presence of seed with source of pollen:
Seed shape:

Complementary information

Waxy mutant of Bluggoe which has green (waxless) fruits.

Ducasse

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0009**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**ABB**
Subspecies/Subgroup:	Pisang Awak

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Dessert/Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Robust
Pseudostem colour:	Green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved twice
Stigma colour:	Cream
Ovary basic colour:	White
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	
Fruit length [cm]**:**	
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Slightly ridged
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	>=61
Peduncle hairiness:	Hairless
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Intermediate
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Moderatly waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Fading of colour on bract base: Pigmentation is uniform and continues until the base

Monthan

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0350**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**ABB**
Subspecies/Subgroup:	Monthan

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Red
Sap colour:	Watery
Number of suckers:	
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Pink/pink-purple
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Cream
Ovary basic colour:	Green
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	21-25
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	>=61
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Intermediate
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Synonym: Pacha Bontha Bathees

Kalapua N°2

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0036**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**ABB**
Subspecies/Subgroup:	Kalapua

Origin

Origin:	Papua New Guinea
Province:	East New Britain
Exact location:	Vunapope, Rabaul
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG145
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Robust
Pseudostem colour:	Dark green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (growing at an angle)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	Simple folding under apex
Style shape:	Curved twice
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Blunt-tipped

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Slightly angled
Rachis type:	Truncated, no bract scar below the last hand of fruit
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts greatly overlap (like *M. acuminata* subsp. *burmannica*)
Colour of the bract external face:	Purple
Colour of the bract internal face:	Purple
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very waxy

Remains of flower relicts at fruit apex:	Persistent style
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	Inapplicable
Seed shape:	

Complementary information

Development of suckers: No apical dominance
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Dwarf Kalapua

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT

Accession descriptors

MGIS accession number:	**NEU0366**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**ABB**
Subspecies/Subgroup:	Kalapua

Origin

Origin:	Papua New Guinea
Province:	Madang
Exact location:	Madang Town
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG171
Use of fruit:	Cooking



CHARACTERIZATION

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Robust
Pseudostem colour:	Medium green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Without pigmentation
Blotches colour:	

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Bright yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Bottle-necked
Remains of flower relicts at fruit apex:	Without any floral relicts

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	White
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Male bud type: like *M. acuminata* subsp. *burmannica*

Klue Tiparot

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0396**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**ABB**
Subspecies/Subgroup:	Klue teparod

Origin

Origin:	Thailand
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Dark green
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Milky
Number of suckers:	6 or more
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	
Compound tepal pigmentation:	
Lobe colour of compound tepal:	
Free tepal appearance:	
Style shape:	
Stigma colour:	
Ovary basic colour:	
Ovary pigmentation:	

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Horizontal
Rachis type:	Truncated, no bract scar below the last hand of fruit
Rachis position:	
Rachis appearance:	
Male bud type:	Like true-horn 'Plantain' (absent)
Male bud shape:	
Bract apex shape:	
Bract imbrication:	
Colour of the bract external face:	
Colour of the bract internal face:	
Bract scars on rachis:	
Fading of colour on bract base:	
Bract behaviour before falling:	
Wax on the bract:	

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Lengthily pointed
Remains of flower relicts at fruit apex:	Base of style prominent
Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Bright yellow
Pulp in fruit:	Without pulp
Pulp colour at maturity:	
Presence of seed with source of pollen:	
Seed shape:	



Complementary information

Two forms of this cultivar exist. One form has a completely absent male axis (see above). The second form has a well developed male axis. In Malaysia, the clone has two names: Pisang Abu Siam when the male axis is present and Pisang Abu Nipah when the male axis is absent

Benedetta

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0381**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**ABB**
Subspecies/Subgroup:	Saba

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Normal
Pseudostem height [m]**:**	> 3
Pseudostem aspect:	Normal
Pseudostem colour:	Green
Pseudostem appearance:	slightly shiny
Pigmentation of the underlying pseudostem:	Pink
Sap colour:	Milky
Number of suckers:	> 5
Development of suckers:	Not inhibited
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	No
Blotches colour:	

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Orange
Free tepal appearance:	Simple folding under apex
Style shape:	Curved at the base
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	> 17
Fruit length [cm]**:**	21-25
Fruit shape:	Slightly curved
Transverse section of fruits:	Slightly ridged
Fruit apex:	Blunt- tipped
Remains of flower relicts at fruit apex:	Without any flower relicts
Fruit pedicel length [mm]**:**	11-20
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	White
Presence of seed with source of pollen:	
Seed shape:	

Petiole/midrib/leaf

Petiole canal leaf III:	Margins overlapping
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	> 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male but persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal
Male bud shape:	Intermediate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous
Bract behaviour before falling:	Not rolling
Wax on the bract:	No visible sign of wax



Complementary information

Synonym: Inabaniko

Fruits are completely fused together in each hand.

Saba

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NEU0361**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**ABB**
Subspecies/Subgroup:	Saba

Origin

Origin:	Philippines
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	21-25
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Margins overlapping
Colour of midrib dorsal surface:	Pink-purple
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	>=61
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts greatly overlap (like *M. acuminata* subsp. *burmannica*)
Colour of the bract external face:	Purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	<5
Seed shape:	Rounded (but not completely spherical)

Complementary information

Male flowers: without coloration.
Use of plant: male bud is eaten as a vegetable in Southeast Asia.

Pelipita

Collection: CRBP (NYOMBE), Cameroon

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**NYO0379**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**ABB**
Subspecies/Subgroup:	Pelipita

Origin

Origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	Cooking

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	
Number of suckers:	6 or more
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Orange
Free tepal appearance:	Simple folding under apex
Style shape:	
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Bottle-necked

Petiole/midrib/leaf

Petiole canal leaf III:	Margins overlapping
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Slightly hairy
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very waxy

Remains of flower relicts at fruit apex:	Persistent style
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Beige-pink
Presence of seed with source of pollen:	<5
Seed shape:	Rounded (but not completely spherical)



Complementary information

Male bud type: like *M. acuminata* subsp. *burmannica*
Orange pulp

Cultivated varieties

AABB

Ngoen / Ngern

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

Accession number:	**NEU0381**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AABB**
Subspecies/Subgroup:	'Laknau der'

Origin

Country of origin:	
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	
Use of fruit:	

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Drooping
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Watery
Number of suckers:	
Development of suckers:	Between 1/4 and 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Sparse blotching
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Yellow
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	26-30
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Rounded
Remains of flower relicts at fruit apex:	Without any floral relicts

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	>=61
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Obtuse and split
Bract imbrication:	Old bracts overlap at apex of bud (like Musa acuminata subsp. malaccensis)
Colour of the bract external face:	Red-purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Ivory
Presence of seed with source of pollen:	<5
Seed shape:	



C. Jenny

Complementary information

Cultivated varieties

AS

Ato

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0047**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AS**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	
Exact location:	Ato, Madang
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG187
Use of fruit:	



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Red
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (growing at an angle)
Blotches at the petiole base:	Without pigmentation
Blotches colour:	Inapplicable

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved twice
Stigma colour:	Cream
Ovary basic colour:	Cream
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Obtuse
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Moderatly waxy

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	
Pulp in fruit:	With pulp
Pulp colour at maturity:	Orange
Presence of seed with source of pollen:	<5
Seed shape:	

Complementary information

Development of suckers: No apical dominance
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Ungota

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0056**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AS**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	West Sepik
Exact location:	Anaho, Naprik
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG302
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Erect
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Slender
Pseudostem colour:	Green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Curved twice
Stigma colour:	Bright yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Rounded
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Without any floral relicts

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Slightly angled
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Slightly pointed
Bract imbrication:	Old bracts overlap at apex of bud
Colour of the bract external face:	Green
Colour of the bract internal face:	Yellow or green
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Development of suckers: No apical dominance
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI
Bract imbrication: Like *M. acuminata* subsp. *malaccensis*

Vunamami

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0060**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AS**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	East New Britain
Exact location:	Vunamami, Rabaul
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG144
Use of fruit:	Cooking and dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green-red
Pseudostem appearance:	Dull (waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Watery
Number of suckers:	Absent
Development of suckers:	
Position of suckers:	
Blotches at the petiole base:	
Blotches colour:	

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved under stigma
Stigma colour:	Yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved towards stalk
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Persistent style
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Red-purple
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Slightly hairy
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Yellow or green
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Moderatly waxy

Complementary information

Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Kokor

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0035**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**AS**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	East New Britain
Exact location:	Tingenavudu, Rabaul
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG123
Use of the fruit:	Cooking and dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Drooping
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Milky
Number of suckers:	3 to 5
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (growing at an angle)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	White
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Cream
Free tepal appearance:	More or less smooth
Style shape:	Curved at the base
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	13-16
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Pointed
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	With a curve
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Obtuse
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Green
Colour of the bract internal face:	Yellow or green
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Moderatly waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	
Seed shape:	

Complementary information

Development of suckers: No apical dominance
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Australimusa

Cultivated varieties

Fe’i

Menei

Collection: ITC, Belgium

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**ITC1021**
Genus:	*Musa*
Section:	AUSTRALIMUSA
Species/Group:	**Fe'i**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	Manus Island
Exact location:	Laurengau
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG293
Use of fruit:	Dessert



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:
Pseudostem height [m]**:**
Pseudostem aspect:
Pseudostem colour:
Pseudostem appearance:
Pigmentation of the underlying pseudostem:
Sap colour:
Number of suckers:
Development of suckers:
Position of suckers:
Blotches at the petiole base:
Blotches colour:

Male flower

Compound tepal basic colour:
Compound tepal pigmentation:
Lobe colour of compound tepal:
Free tepal appearance:
Style shape:
Stigma colour:
Ovary basic colour:
Ovary pigmentation:

Fruit

Fruit position:
Number of fruits:
Fruit length [cm]**:**
Fruit shape:
Transverse section of fruits:
Fruit apex:
Remains of flower relicts at fruit apex:

Petiole/midrib/leaf

Petiole canal leaf III:
Colour of midrib dorsal surface:
Colour of cigar leaf dorsal surface:
Blotches on leaves of water suckers:

Inflorescence/male bud

Peduncle length [cm]**:**
Peduncle hairiness:
Bunch position:
Rachis type:
Rachis position:
Rachis appearance:
Male bud type:
Male bud shape:
Bract apex shape:
Bract imbrication:
Colour of the bract external face:
Colour of the bract internal face:
Bract scars on rachis:
Fading of colour on bract base:
Bract behaviour before falling:
Wax on the bract:

Fruit pedicel length [mm]**:**
Mature fruit peel colour:
Pulp in fruit:
Pulp colour at maturity:
Presence of seed with source of pollen:
Seed shape:

Complementary information

No male axis

Rimina

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0030**
Genus:	*Musa*
Section:	AUSTRALIMUSA
Species/Group:	**Fe'i**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	East Highlands
Exact location:	Kenadiro, Chimbu
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG201
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	Dark green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Red-purple
Number of suckers:	3 to 5
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Large blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Yellow
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Cream
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	<=12
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Blunt-tipped

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Hairless
Bunch position:	Erect
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Erect
Rachis appearance:	Neutral/male flowers and presence of withered bracts (on the whole stalk)
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Purple
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	Without pulp
Pulp colour at maturity:	Inapplicable
Presence of seed with source of pollen:	Inapplicable
Seed shape:	

Complementary information

Development of suckers: No apical dominance
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Utafan

Collection: ITC, Belgium

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**ITC0913**
Genus:	*Musa*
Section:	AUSTRALIMUSA
Species/Group:	**Fe'i**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	New Ireland
Exact location:	Kawieng, Namasalang
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG311
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:
Pseudostem height [m]**:**
Pseudostem aspect:
Pseudostem colour:
Pseudostem appearance:
Pigmentation of the underlying pseudostem:
Sap colour:
Number of suckers:
Development of suckers:
Position of suckers:
Blotches at the petiole base:
Blotches colour:

Male flower

Compound tepal basic colour:
Compound tepal pigmentation:
Lobe colour of compound tepal:
Free tepal appearance:
Style shape:
Stigma colour:
Ovary basic colour:
Ovary pigmentation:

Fruit

Fruit position:
Number of fruits:
Fruit length [cm]**:**
Fruit shape:
Transverse section of fruits:
Fruit apex:
Remains of flower relicts at fruit apex:

Petiole/midrib/leaf

Petiole canal leaf III:
Colour of midrib dorsal surface:
Colour of cigar leaf dorsal surface:
Blotches on leaves of water suckers:

Inflorescence/male bud

Peduncle length [cm]**:**
Peduncle hairiness:
Bunch position:
Rachis type:
Rachis position:
Rachis appearance:
Male bud type:
Male bud shape:
Bract apex shape:
Bract imbrication:
Colour of the bract external face:
Colour of the bract internal face:
Bract scars on rachis:
Fading of colour on bract base:
Bract behaviour before falling:
Wax on the bract:

Fruit pedicel length [mm]**:**
Mature fruit peel colour:
Pulp in fruit:
Pulp colour at maturity:
Presence of seed with source of pollen:
Seed shape:

Complementary information

Wain

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0062**
Genus:	*Musa*
Section:	AUSTRALIMUSA
Species/Group:	**Fe'i**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	Madang
Exact location:	Bieteta
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG177
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Green-red
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Red-purple
Number of suckers:	3 to 5
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (growing at an angle)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Cream
Free tepal appearance:	More or less smooth
Style shape:	Straight
Stigma colour:	Cream
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	>=61
Peduncle hairiness:	Hairless
Bunch position:	Erect
Rachis type:	Inapplicable
Rachis position:	Inapplicable
Rachis appearance:	Inapplicable
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Pointed
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Green
Colour of the bract internal face:	Yellow or green
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Not revolute (not rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Orange red, red or pink/pink purple
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Development of suckers: No apical dominance
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Eumusa x Australimusa

Cultivated varieties

Umbubu

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0054**
Genus:	*Musa*
Section:	Eumusa x Australimusa
Species/Group:	**AT**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	Oro
Exact location:	Popondetta
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG236
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	Inapplicable
Pseudostem aspect:	Slender
Pseudostem colour:	Green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	
Sap colour:	Milky
Number of suckers:	6 or more
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Pink/pink-purple
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	More or less smooth
Style shape:	Curved twice
Stigma colour:	Cream
Ovary basic colour:	Green
Ovary pigmentation:	With red-purple

Fruit

Fruit position:	Curved upward (obliquely, at a 45° angle upward)
Number of fruits:	<=12
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Blunt-tipped

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Hairless
Bunch position:	Erect
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Like a top
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts slightly overlap
Colour of the bract external face:	Green
Colour of the bract internal face:	Yellow or green
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Remains of flower relicts at fruit apex:	Without any floral relicts
Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	
Seed shape:	

Complementary information

Development of suckers: first sucker bigger than parent
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Karoina

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0052**
Genus:	*Musa*
Section:	Eumusa x Australimusa
Species/Group:	**AAT**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	Oro
Exact location:	Popondetta, Koipa
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG229
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Normal
Pseudostem colour:	Medium green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Inhibited
Position of suckers:	Far from parent plant (emerging >50 from parent plant)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved at the base
Stigma colour:	Yellow
Ovary basic colour:	Yellow
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	<=15
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Slightly hairy
Bunch position:	Erect
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	At an angle
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Intermediate
Bract imbrication:	Old bracts overlap at apex of bud (like M.*acuminata* subsp. *malaccensis*)
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Purple
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	Yellow
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Complementary information

Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

Mayalopa

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

Accession number:	**SJR0053**
Genus:	*Musa*
Section:	Eumusa x Australimusa
Species/Group:	**AAT**
Subspecies/Subgroup:	

Origin

Country of origin:	Papua New Guinea
Province:	Milne Bay
Exact location:	Alauto, Naura
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG317
Use of fruit:	Cooking



S. Sharrock

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Slender
Pseudostem colour:	Green-red
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Red
Sap colour:	Milky
Number of suckers:	Less than 3
Development of suckers:	Inhibited
Position of suckers:	Far from parent plant (emerging >50 cm from parent plant)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown-black

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Curved at the base
Stigma colour:	Cream
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	16-20
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	Pronounced ridges
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Open with margins spreading
Colour of midrib dorsal surface:	Green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	31- 60
Peduncle hairiness:	Very hairy, short hairs (similar to velvet touch)
Bunch position:	Horizontal
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Horizontal
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Intermediate
Bract imbrication:	Old bracts overlap at apex of bud (like Musa acuminata subsp. malaccensis)
Colour of the bract external face:	Purple
Colour of the bract internal face:	Purple
Bract scras on rachis:	Not prominent
Fading of colour on bract base:	Colour discontinuing towards the base (loss of pigmentation at the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	<=10
Mature fruit peel colour:	
Pulp in fruit:	
Pulp colour at maturity:	
Presence of seed with source of pollen:	
Seed shape:	

Complementary information

Sar

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0046**
Genus:	*Musa*
Section:	Eumusa x Australimusa
Species/Group:	**AAT**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	Madang
Exact location:	Erima
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG186
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Intermediate
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Normal
Pseudostem colour:	Dark green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Purple
Sap colour:	Watery
Number of suckers:	3 to 5
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (growing at an angle)
Blotches at the petiole base:	Small blotches
Blotches colour:	Brown

Male flower

Compound tepal basic colour:	White
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Green
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	<=12
Fruit length [cm]**:**	16-20
Fruit shape:	Curved (sharp curve)
Transverse section of fruits:	
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Persistent style
Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	
Pulp in fruit:	With pulp
Pulp colour at maturity:	Yellow
Presence of seed with source of pollen:	Inapplicable
Seed shape:	Inapplicable

Petiole/midrib/leaf

Petiole canal leaf III:	Wide with erect margins
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Little or narrow blotches

Inflorescence/male bud

Peduncle length [cm]**:**	<=30
Peduncle hairiness:	Hairless
Bunch position:	Horizontal
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Neutral flowers (one to few hands only, stalk is bare below)
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts greatly overlap
Colour of the bract external face:	Purple-brown
Colour of the bract internal face:	Yellow or green
Bract scars on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Complementary information

Value for descriptor **(Petiole canal leaf II**I has been chosen with reference to leaf VI

Bract imbrication: Like *M. acuminata* subsp. *burmannica*

Yawa 2

Collection: CIRAD/FLHOR (GLP), Guadeloupe

PASSPORT CHARACTERIZATION

Accession descriptors

Accession number:	**NEU0384**
Genus:	*Musa*
Section:	EUMUSA
Species/Group:	**ABBT**
Subspecies/Subgroup:	

Origin

Country of origin:	Papua New Guinea
Province:	
Exact location:	
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG072
Use of fruit:	Cooking/beer/dessert

Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Drooping
Pseudostem height [m]**:**	>=3
Pseudostem aspect:	Robust
Pseudostem colour:	Green-Yellow
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	
Development of suckers:	More than 3/4 of the height of the parent plant
Position of suckers:	Close to parent (vertical growth)
Blotches at the petiole base:	Without pigmentation
Blotches colour:	

Male flower

Compound tepal basic colour:	Cream
Compound tepal pigmentation:	Presence of pink
Lobe colour of compound tepal:	Yellow
Free tepal appearance:	Simple folding under apex
Style shape:	Straight
Stigma colour:	Yellow
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Parallel to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Straight (or slightly curved)
Transverse section of fruits:	Slightly ridged
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Base of style prominent

Petiole/midrib/leaf

Petiole canal leaf III:	Straight with erect margins
Colour of midrib dorsal surface:	Yellow
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	>=61
Peduncle hairiness:	Hairless
Bunch position:	Hanging vertically
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Intermediate
Bract apex shape:	Obtuse
Bract imbrication:	Young bracts greatly overlap (like Musa acuminata subsp. burmannica)
Colour of the bract external face:	Red
Colour of the bract internal face:	Red
Bract scras on rachis:	Very prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Very little or no visible sign of wax

Fruit pedicel length [mm]**:**	>=21
Mature fruit peel colour:	Orange
Pulp in fruit:	With pulp
Pulp colour at maturity:	Cream
Presence of seed with source of pollen:	<5



Complementary information

Giant Kalapua

Collection: QDPI-SOUTH JOHNSTONE, Australia

PASSPORT CHARACTERIZATION

Accession descriptors

MGIS accession number:	**SJR0043**
Genus:	*Musa*
Section:	Eumusa x Australimusa
Species/Group:	**ABBT**
Subspecies/Subgroup:	

Origin

Origin:	Papua New Guinea
Province:	Madang
Exact location:	Madang town
Collecting source:	
Local/vernacular name (region/language):	
Accession code:	PNG170
Use of fruit:	Cooking



Morphotaxonomic descriptors

Plant descriptors

Leaf habit:	Drooping
Pseudostem height [m]**:**	2.1 to 2.9
Pseudostem aspect:	Robust
Pseudostem colour:	Dark green
Pseudostem appearance:	Shiny (not waxy)
Pigmentation of the underlying pseudostem:	Pink-purple
Sap colour:	Milky
Number of suckers:	Less than 3
Development of suckers:	Taller than parent plant
Position of suckers:	Close to parent (growing at an angle)
Blotches at the petiole base:	Small blotches
Blotches colour:	Dark brown

Male flower

Compound tepal basic colour:	Orange
Compound tepal pigmentation:	Very few or no visible sign of pigmentation
Lobe colour of compound tepal:	Orange
Free tepal appearance:	Simple folding under apex
Style shape:	Curved at the base
Stigma colour:	Cream
Ovary basic colour:	Cream
Ovary pigmentation:	Very few or no visible sign of pigmentation

Fruit

Fruit position:	Perpendicular to the stalk
Number of fruits:	>=17
Fruit length [cm]**:**	16-20
Fruit shape:	Straight in the distal part
Transverse section of fruits:	Slightly ridged
Fruit apex:	Blunt-tipped
Remains of flower relicts at fruit apex:	Persistent style

Petiole/midrib/leaf

Petiole canal leaf III:	Margins curved inward
Colour of midrib dorsal surface:	Light green
Colour of cigar leaf dorsal surface:	Green
Blotches on leaves of water suckers:	Without blotches

Inflorescence/male bud

Peduncle length [cm]**:**	>=61
Peduncle hairiness:	Hairless
Bunch position:	Hanging at angle 45°
Rachis type:	Present and male bud may be degenerated or persistent
Rachis position:	Falling vertically
Rachis appearance:	Bare
Male bud type:	Normal (present)
Male bud shape:	Lanceolate
Bract apex shape:	Obtuse and split
Bract imbrication:	Young bracts greatly overlap (like *M. acuminata* subsp. *burmannica*)
Colour of the bract external face:	Purple
Colour of the bract internal face:	Red
Bract scars on rachis:	Not prominent
Fading of colour on bract base:	Colour homogenous (pigmentation is uniform and continues until the base)
Bract behaviour before falling:	Revolute (rolling)
Wax on the bract:	Moderatly waxy

Fruit pedicel length [mm]**:**	11 to 20
Mature fruit peel colour:	
Pulp in fruit:	
Pulp colour at maturity:	
Presence of seed with source of pollen:	
Seed shape:	

Complementary information

Development of suckers: No apical dominance
Value for descriptor **Petiole canal leaf III** has been chosen with reference to leaf VI

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Glossary

Glossary

Accession: mä~åí=ë~ ã éäÉI=ëíîê~áå=çê=éçé ì ä~íáçå=ÜÉäÇ=áå=~=ÖÉåÉÄ~åâ=çê=ÄâÊÉÇáåÖ éêçÖê~ ã ã É=Ñçê=Åçåë Éêî~íáçå=çê=ì ëÉK

Allele: l åÉ=çÑ=íÜÉ=E ì ë ì ~ääó=í ï çF=~äíÉêå~íáî É=Ñçê ã ë=çÑ=~=ÖÉåÉI=Ñç ì åÇ=~í=íÜÉ=ë~ ã É=éä~ÅÉ çå=~=ÅÜêç ã çëç ã ÉK

Biodiversity: qÜÉ=íçí~ä=î~êá=Äáääíó= ï áíÜáå=~åÇ=~ ã çåÖ=ëéÉÅáÉë=çÑ=~ää=äáî áåÖ=çêÖ~åáë ã ë ~åÇ=íÜÉáê=Ü~Äáí~íëK

Centre of diversityW= dÉçÖê~éÜáÅ=êÉÖáç å=áå= ï ÜáÅÜ=íÜÉ=ÖêÉ~íÉëí=î~êá~Äáääíó=çÑ=~=Åêçé çÅÅ ì êëK=^ éêá ã ~êó=ÅÉåíêÉ=çÑ=ÇáîÉêëáíóI= ï ÜÉêÉ=íÜÉ=ÜáÖÜÉëí=ÇáîÉêëáíó=çÅÅ ì êëI áåÅä ì ÇáåÖ= ï ääÇ=êÉä~íáîÉëI=áë=åáíÉêéêÉíÉÇ=~ë=íÜÉ=êÉÖáç å=íÜÉ=Åêçé=çêáÖáå~íÉÇ=Ñêç ã ~åÇ= ï ÜÉêÉ=áíë=Çç ã Éëíáå~íáçå=~åÇ=Å ì äíáî ~íáçå=Ñáëëí=ÄÉÖ~åK=pÉÅçåÇ~êó=ÅÉåíêÉë=~êÉ êÉÖáçåë=çÑ=äÉëëÉê=ÇáîÉêëáíó= ï ÜáÅÜ=Ü~ îÉ=ÇÉîÉäçéÉÇ=~ë=~=êÉë ì äí=çÑ=íÜÉ=ë ì ÄëÉè ì Éåí ëéêÉ~Ç=çÑ=~=Åêçé K

CharacterW=^ å=~ííêáÄ ì íÉ=çÑ=~å=çêÖ~åáë ã =êÉë ì äíáåÖ=Ñêç ã =íÜÉ=áåíÉê~Åíáçå=çÑ=~=ÖÉåÉ=çê ÖÉåÉë= ï áíÜ=íÜÉ=Éå îáêçå ã Éåí K

CharacterizationW= aÉíÉê ã áå~íáçå=çÑ=íÜÉ=ëíê ì Åí ì ê~ä=çê=Ñ ì åÅíáçå~ä=~ííêáÄ ì íÉë=çÑ=~=éä~åí=áå çêÇÉê=íç=Çáëëíáå Ö ì áëÜ=ÄÉí ï ÉÉå=~ÅÅÉëëáçåë K

ChimeraW=^ éä~åí= ï ÜáÅÜ=Åçåí~áåë=Öêç ì éë=çê=ä~óÉêë=çÑ=ÅÉääë= ï ÜáÅÜ=~êÉ=ÖÉåÉíáÅ~ääó Çáëëá ã áä~êK

CloneW==^ Öêç ì é=çÑ=ÅÉääëI=íáëë ì Ége=çê=éä~åíë=ÇÉëÅÉåÇÉÇ=Äó= ã áíçëáë=Ñêç ã =~=Åç ã ã çå ~åÅÉëíçê=EÅÉääI=íáëë ì É=çê=éä~åíFK

Collecting mission: j áëëáçå=Å~êêáÉÇ=ç ì í=áå=çêÇÉê=íç=ÅçääÉÅí=éä~åí=î~êáÉíáÉë=~åÇ= ï ääÇ êÉä~íáîÉë=Ñêç ã =íÜÉáê=å~í ì ê~ä=Ü~Äáí~íK

Cultivar: ^ Å ì äíáî~íÉÇ=î~êáÉíó=çÑ=~=Çç ã ÉëíáÅ~íÉÇ=Åêçé=éä~åíK=póåK= s~êáÉíóK

Distribution: dÉçÖê~éÜáÅ~ä=~êÉ~= ï ÜÉêÉ=~=ëéÉÅáÉë=Öêç ï ë=å~í ì ê~ääó=çê=Ü~ë=ÄÉÉå Å ì äíáî~íÉÇ=Äó=ë ã ~ääÜçäÇÉêë=Ñçê= ã ~åó=óÉ~êëK

***Ex situ* conservation:** i áíÉê~ääó=Åçåëêî~íáçå=ÚçÑÑJëáíÉÛK== ` çåëÉêî~íáçå=çÑ=~=éä~åí=ç ì íëáÇÉ çÑ=áíë=çêáÖáå~ä=çê=å~í ì ê~ä=Ü~Äáí~íI=*e.g.* áå=~=ÖÉåÉÄ~åâI=Äçí~åáÅ~ä=Ö~êÇÉå=çê=ÑáÉäÇ ÖÉåÉÄ~åâ=~åÇ=ëíçêÉÇ=~ë=ëÉÉÇI=íáëë ì ÉI=Éåíáêî=éä~åí=çê=é çääÉåK

Gene: qÜÉ=Ñ ì åÅíáçå~ä= ì åí=çÑ=ÜÉêêÇáíóK=^ ÖÉåÉ=áë=~=ëÉÅíáçå=çÑ= a k ^ íÜ~í=ÅçÇÉë=Ñçê=~ ëéÉÅáÑáÅ=ÄáçÅÜÉ ã áÅ~ä=Ñ ì åÅíáçå=áå=~=äáî åÖ=çêÖ~åáë ã K=

Genebank: c~Åääáíó= ï ÜÉêÉ=ÖÉê ã éä~ë ã =áë=ëíçêÉÇ=~åå=íÜÉ=Ñçê ã =çÑ=ëÉÉÇëI=é çääÉå=çê=*in vitro* Å ì äí ì êÉëI=çê=áå=íÜÉ=Å~ëÉ=çÑ=~=ÑáÉäÇ=ÖÉåÉÄ~åâI=~ë=éä~åíë=Öêç ï áåÖ=áå=íÜÉ=ÑáÉäÇK

Genepool: ^ääí=íÜÉ=ÖÉåÉë=~åÇ=íÜÉáê=ÇáÑÑÉêÉåí=~ääÉäÉë=éêÉëÉåí=áå=~å=áåíÉêÄêÉÉÇáåÖ éçé ì ä~íáçåK

Genetic diversity: qÜÉ=î~êá~íáçå=éêÉëÉåí=áå=~=Öêç ì é=çÑ=áåÇáîÇ ì ~ëI=é çé ì ä~íáçåë=çê ëéÉÅáÉë=íÜ~í=áë=Ç ì É=íç=ÖÉåÉíáÅ=ÇáÑÑÉêÉåÅÉë=E~ë=çéêçëÉÇ=íç=íÜÉ=Éñêêëëáçå=çÑ=íÜÉ ë~ ã É=ÖÉåÉíáÅ=Ä~ÅâÖêç ì åÇ=áå=ÇáÑÑÉêÉåí=Éå îáêçå ã ÉåíëFK

Genetic erosion: i çëë=çÑ=ÖÉåÉíáÅ=ÇáîÉêëáíó=ÄÉí ï ÉÉå=~åÇ= ï áíÜáå=éçé ì ä~íáçåë=çÑ=íÜÉ ë~ ã É=ëéÉÅáÉë=çê=íÜÉ=äçëë=çÑ=Éåíáêî=ëéÉÅáÉë=EÉKÖK= ï áäÇ=êÉä~íáîÉëF=çîÉê=íá ã ÉI=çê êÉÇ ì Åíáçå=çÑ=íÜÉ=ÖÉåÉíáÅ=Ä~ëÉ=çÑ=~=ëéÉÅáÉë=Ç ì É=íç=Ü ì ã ~å=áåíÉêîÉåíáçåI Éå îáêçå ã Éåí~ä=ÅÜ~åÖÉ=ÉíÅK=

Genetic resources: dÉåÉíáÅ= ã ~íÉêá~äë=çÑ=éä~åíëI=~åá ã ~äë=~åÇ=çíÜÉê=çêÖ~åáë ã ë= ï ÜáÅÜ=áë çÑ=î~ä ì É=~ë=~=êÉëç ì êÅÉ=Ñêç ã =~=ÖÉåÉíáÅ=éçáåí=çÑ=îáÉ ï =Ñçê=éêÉëÉåí=~åÇ=Ñ ì í ì êÉ ÖÉåÉê~íáçåë=çÑ=éÉçéäÉK

Genome: NK=qÜÉ=ÖÉåÉíáÅ= ã ~íÉêá~ä=çÑ=~å=çêÖ~åáë ã K=OK=^ ëÉí=çÑ=ÅÜêç ã çës ã Éë ÅçêêÉëéçåÇáåÖ=íç=íÜÉ=Ü~éäçáÇ=ëÉí=çÑ=~=ëéÉÅáÉëK

Genotype: NK=qÜÉ=ÉåíáêÉ=ÖÉåÉíáÅ=Åçåëíáí ì íáçå=çÑ=~å=çêÖ~åáë ã K=OK=^ Öêç ì é=çÑ=çêÖ~åáë ã ë ï áíÜ=íÜÉ=ë~ ã É=ÖÉåÉíáÅ=Åçåëíáí ì íáçåëK

Germplasm: ^ ëÉí=çÑ=ÖÉåçíóéÉë=íÜ~í= ã ~ó=ÄÉ=ÅçåëÉêî ÉÇ=çê= ì ëÉÇX=ëóåçåó ã ç ì ë= ï áíÜ ÖÉåÉíáÅ=êÉëç ì êÅÉK

Habitat: ^ ëéÉÅáÑáÅ=éä~ÅÉ=íÜ~í=áë=çÅÅ ì éáÉÇ=Äó=~å=çêÖ~åáë ã =çê=Åç ã ã ì åáíóI=~åÇ= ï ÜÉêÉ áåíÉê~Åíáçåë= ï áíÜ=çíÜÉê=çêÖ~åáë ã ë=~åÇ=íÜÉ=Éå î áêçå ã Éåí=çÅÅ ì ëK

Holotype: ^ ëéÉÅá ã Éå=Åç ã ã çåäó=êÉÅçÖåáòÉ=~ë=êÉéêÉëÉåí=íáî É=çÑ=íÜÉ=ëéÉÅáÉë=çê=Öêç ì éK

***In situ* conservation:** ì áíÉê~ääó=Úçå Jëáí ÉÛ=Åçåë ÉêÉî =íáçåK= ` çåëÉêî ~íáçå=çÑ=éä~åíë=~åÇ ~åá ã ~äë=áå=íÜÉ=~êÉ~ë= ï ÜÉêÉ=íÜÉó=ÇÉî Éäçé ÉÇ=íÜÉáê=ÇáëíåÅíáî É=éêçéÉêíáÉëI=*i.e.* áå íÜÉ= ï áäÇ=çê=áå=Ñ~ê ã ÉêëÛ=ÑáÉäÇëK

Indigenous knowledge: hå ç ï äÉÇÖÉ=íÜ~í=ÇÉ î Éäçéë=áå=~=é~êíáÅ ì ä~ê=~êÉ~=~åÇ ~ÅÅ ì ã ì ä~íÉë=ç î Éê=íá ã É=íÜêç ì ÖÜ=ÄÉáåÖ=Ü~åÇÉÇ=Çç ï å=Ñêç ã =ÖÉåÉê~íáçå=íç ÖÉåÉê~íáçåK

Landraces: c~ê ã ÉêJÇÉ î Éäçé ÉÇ=î ~êáÉíáÉë=çÑ=Åêçé=éä~åíë=íÜ~í=~êÉ=ÜÉíÉêçÖÉåç ì ëI=~Ç~éíÉÇ íç=äçÅ~ä=Éå î áêçå ã Éåí~ä=ÅçåÇáíáçåë=~åÇ=Ü~ î É=íÜÉáê=ç ï å=äçÅ~ä=å~ ã ÉëK=i ~åÇê~ÅÉë ~êÉ=Ñ~ê ã Éêëۍ=î ~êáÉíáÉë=íÜ~í=Ü~ î É=åçí=ÄÉÉå=á ã éêçî ÉÇ=Äó=Ñçê ã ~ä=ÄêÉÉÇáåÖ éêçÖê~ ã ã ÉëK=

Modern variety: qÜÉ=éêçÇ ì Åí=çÑ=Ñçê ã ~äI=áåëíáí ì íáçå~ä=EáåÅä ì ÇáåÖ=k d l F=~åÇ=ëÅáÉåíáÑáÅ éä~åí=ÄêÉÉÇáåÖ=~éëóáåÖ= ã çÇÉêå=íÉÅÜåáè ì Éë=çÑ=ëÉäÉÅíáçå=~åÇ=íÉÅÜåçäÇóó=~åÇ êÉë ì äíáåÖ=åå= ã çëíäó=Üç ã çÖÉåç ì ë=î ~êáÉíáÉëLÅ ì äíáî ~êëK

Morphotaxonomic description: aÉëÅêáéíáçå=çÑ=íÜÉ=éä~åí= ã ~ÇÉ=Äó=çÄëÉêî áåÖ=íÜÉ ã çêéÜçäçÖáÅ~ä=ÅÜ~ê~ÅíÉêëK=qÜÉ=ÇÉëÅêáéíáçå=áë=~ä ï ~óë=êÉä~íÉÇ=íç=íÜÉ=Éå î áêçå ã Éåí áå= ï ÜáÅÜ=íÜÉ=éä~åí=áë=Öêç ï áåÖ=ÄÉÅ~ ì ëÉ=ëç ã É=çÑ=íÜÉ=ÅÜ~ê~ÅíÉêë=~êÉ=Éñéêëëç Çá ÑÑÉêÉåíáó=~ÅÅçêÇáåÖ=íç=íÜÉ=Éå î áêçå ã ÉåíK=

Parthenocarpy: qÜÉ=ÇÉ î Éäçé ã Éåí=çÑ=Ñê ì áí= ï áíÜç ì í=éçäääå~íáçå=çê=ÑÉêíáääò~íáçåK

Phenotype: NK=mÜóëáÅ~ä=çê=ÉñíÉêå~ä=~éëÉ~ê~åÅÉ=çÑ=~å=çêÖ~åáë ã =~ë=Åçåíê~ëíÉÇ= ï áíÜ=áíë ÖÉåÉíáÅ=Åçåëíáí ì íáçå=ËÖÉåçíóéÉFK=OK=^ Öêç ì é=çÑ=çêÖ~åáë ã = ï áíÜ=ëá ã áä~ê=éÜóëáÅ~ä çê=ÉñíÉêå~ä= ã ~âÉJ ì éK

Plantain (true): ^ é~êíáÅ ì ä~ê=íóéÉ=çÑ=Åççâáå Ö=Ä~å~å~=ÄÉäçåÖáåÖ=íç=íÜÉ=^ ^ _=ÖÉåç ã É Öêç ì é=ÅÜ~ê~ÅíÉêáëÉÇ=Äó=íÜÉ=óÉääç ï Jçê~åÖÉ=Åçäç ì ê=çÑ=íÜÉ=Åç ã éç ì åÇ=íÉé~ãK=qÜÉ Ñê ì áíë=~êÉ=ÖÉåÉê~ääó=çåäó=é~ä~í~ÄäÉ=~ÑíÉê=Åççâáå ÖK=qÜÉ= ã ~äÉ=~ñáë=áë=ëç ã Éíá ã Éë ~ÄëÉåí=çê=ÇÉÖÉåÉê~íÉÇX=fÑ=éêÉëÉåíI=áí=áë=ÅäçíÜÉÇ= ï áíÜ=éÉêëáëíÉåí= ã ~äÉ=Äê~Åíë=~åÇ Ñäç ï Éê=êÉäáÅíëK

Ploidy: qÜÉ=å ì ã ÄÉê=çÑ=Ä~ëáÅ=ëÉíë=EñF=çÑ=ÅÜêç ã çëç ã Éë=áå=~=ÅÉääI=íáëë ì É=çê=éä~åíK

Polyploid: ^ éä~åí= ï áíÜ=çíÜÉê=íÜ~å=í ï ç=Ä~ëáÅ=ëÉíë=çÑ=ÅÜêç ã çëç ã Éë=áå=ëç ã ~íáÅ=ÅÉääëK qÜ~í=áë=íêáéäçáÇ=EOåZPñFI=íÉíê~éäçáÇ=EOåZQñF=~åÇ=î ~êáç ì ë=~åÉ ì éäçáÇë=EOå=áë=åçí=~ ã ì äíáéäÉ=çÑ=ñFK

Pseudostem (banana): qÜÉ=?íêìåâ?=Eçê=?Ñ~äëÉ=ëíÉ ã ?F=çÑ=~=Ä~å~å~=éä~åí= ï ÜáÅÜI=éêáçê=íç Ñäç ï ÉêáåÖI=áë=Åç ã éçëÉÇ=çåäó=çÑ=çîÉêä~ééáåÖ=äÉ~Ñ=Ä~ëÉëK=fí=Åçåí~áåë=åç= ï ççÇó íáëëìÉë=~åÇ=íÜÉêÉÑçêÉ=íÜÉ=Ä~å~å~=áë=Åä~ëëáÑáÉÇ=~ë=~=ÜÉêÄK

Somaclonal variation: s~êá~íáçå=çÄëÉêîÉÇ=áå=éä~åíë=êÉÖÉåÉê~íÉÇ=Ñêç ã =*in vitro* Åìäíì êÉ ~åÇ= ï ÜáÅÜ=Çç=åçí=Åçåѵêç ã =íç=íÜÉ=çêáÖáå~ä=éä~åíK=

Somatic mutation: s~êá~íáçå=áå=íÜÉ=ÖÉåÉ=çê=ÅÜêç ã çëç ã É=ëíêìÍì êÉ=çÑ=~=éä~åí=íÜ~í çÅÅìêë=Çìêáåѵî=ÉÖÉí~íáîÉ=êÉéêçÇìÍíáçÅI=~åÇ=áë=ÜÉêáí~ÄäÉ=ÉîÉå=íÜêçìÖÜ=ëÉñì~ä êÉéêçÇìÍíáçÅK==qÜÉëÉ=~êÉ=åçê ã ~ääó=ÇìÉ=íç=~ÅÅáÇÉåíë= ï ÜáÅÜ=çÅÅìê=Çìêáåѵ=ÅÉää Çáîäëáçå=~åÇ=éêçÇìÅÉ=~=éÉê ã ~åÉåí=ÅÜ~åÖÉ=áå=~=ÅäçåÉK=

Species: ^ Öêçì é=çÑ=çêÖ~åáë ã ë=Å~é~ÄäÉ=çÑ=áåíÉêÄêÉÉÇáåÖ=ÑêÉÉäó= ï áíÜ=É~ÅÜ=çíÜÉê=Äì í=åçí ï áíÜ= ã É ã ÄÉêë=çÑ=çíÜÉê=ëéÉÅáÉëK=få=í~ñçåç ã áÅ=Åä~ëëäÑáÅ~íáçåI=~=ëì ÄÇáîäëáçå=çÑ=~ ÖÉåìëK=^ Öêçì é=çÑ=Åäçëëäó=êÉä~íÉÇ=åÇáîÇì ~äë=ÇÉëÅÉåÇÉÇ=Ñêç ã =íÜÉ=ë~ ã É=ëíçÅâK=

Suckers (banana): pÜççíë=~ééÉ~êáåÖ=~í=íÜÉ=Ä~ëÉ=çÑ=íÜÉ= ã çíÜÉê=éä~åíK=qÜÉ= ã çíÜÉê=éä~åí ÇáÉë= ï ÜÉå=íÜÉ=Ä ì åÅÜ=áë=Ü~êîÉëíÉÇ=~åÇ=íÜÉ=çäÇÉëí=ë ì ÅâÉê=ÄÉÅç ã Éë=íÜÉ=åÉñí ã çíÜÉê=éä~åíK=

Sword sucker (banana): ^ ë ì ÅâÉê=ÄÉ~êáåÖ=å~êêç ï =Úë ï çêÇÛ=äÉ~îÉë=~åÇ=~íí~ÅÜÉÇ=íç=íÜÉ ã çíÜÉê=êÜáòç ã ÉK

Variety: få=Åä~ëëáÅ~ä=Äçí~åó=~=î~êáÉíó=áë=~=ë ì ÄÇáîäëáçå=çÑ=~=ëéÉÅáÉëK=^ å=~ÖêáÅì äí ì ê~ä î~êáÉíó=áë=~=Öêçì é=çÑ=ëá ã áä~ê=éä~åíë=íÜ~í=Äó=ëíêì Åí ì ê~ä=ÑÉ~í ì êÉë=~åÇ=éÉêÑçê ã ~åÅÉ Å~å=ÄÉ=áÇÉåíáÑáÉÇ=Ñêç ã =çíÜÉê=î~êáÉíáÉë=çÑ=íÜÉ=ë~ ã É=ëéÉÅáÉëK=

Vegetative propagation: ^ëÉñì~ä=éêçé~Ö~íáçå=Äó= ï ÜáÅÜ=~=éä~åí=áë=éêçÇìÅÉÇ= ï ÜáÅÜ=áë áÇÉåíáÅ~ä=áå=ÖÉåçíóéÉ= ï áíÜ=íÜÉ=ëçìêÅÉ=E ã çíÜÉêF=éä~åíK

Water sucker (banana): ^ ë ì ÅâÉê=çÑ=ë ì éÉêÑáÅá~ä=çêáÖáå=ÄÉ~êáåÖ=ÄêçÇ~Ç=äÉ~ îÉëK== t ~íÉê ë ì ÅâÉêë=~êÉ=åçí=ë ì ÄàÉÅíÉÇ=íç=Öêç ï íÜ=Åçåíêçä=Äó=íÜÉ= ã çíÜÉê=éä~åí=~åÇ=ä~Åâ êÉëçìêÅÉë=éêçîáÇÉÇ=Äó=íÜÉ= ã çíÜÉê=éä~åíK=

Wild relative: k çåJÅì äíáî~íÉÇ=ëéÉÅáÉë= ï ÜáÅÜ=áë= ã çêÉ=çê=äÉëë=Åäçë Éäó=êÉä~íÉÇ=íç=~=Åêçé ëéÉÅáÉë=E ì ë ì ~ääó=áå=íÜÉ=ë~ ã É=ÖÉå ì ëF=~åÇ=Ü~ë=ÖÉåÉíáÅ~ääó=Åçåíêáì íÉÇ=íç=íÜÉ ÖÉåç ã É=çÑ=íÜÉ=Å ì äíáî~íÉÇ=ëéÉÅáÉëK=