

Bananas of West New Britain

Papua New Guinea



Gabriel Sachter-Smith, Janet Paofa, Julie Sardos

Alliance



RESEARCH
PROGRAM ON
Roots, Tubers
and Bananas



Table of Contents

Collection Expedition Notes	pg. 3
Regional Map	pg. 4
Collected specimens	pg. 5
- Diploid cultivars	pg. 6
- Triploid cultivars	pg. 52
- Fe'i cultivars	pg. 69
- Wild species and others	pg. 73
Non-collected specimens observed	pg. 79
Index	pg. 125

Cover photo: A collection of fruits from gardens and markets observed during the expedition.

Collection Expedition Notes:

Papua New Guinea is home to hundreds of cultivated bananas as well as many banana crop wild relatives. Four collecting missions organized in 1988-1990 yielded the collection of 264 accessions, of which 86% were unique. In 2016, a fifth banana collecting mission was organized in the Autonomous Region of Bougainville (AROB) that could not be visited during the 1980s. The collecting mission to AROB resulted in 61 accessions collected, of which nearly 40 were new genotypes. The results of the collecting mission to the AROB showed that unique diversity of bananas was still to be found in the country.

In 2019, the Crop Trust funded a set of three banana collecting missions to Pacific Island Countries. It was a good opportunity to visit a still unexplored region of Papua New Guinea. This catalogue presents the diversity of wild and cultivated bananas collected and observed during the third 2019 collecting mission which occurred in West New Britain (WNB) province of Papua New Guinea. The WNB province is located on the island of New Britain which is the largest island of the Bismarck archipelago. Like many other islands of the region, New Britain was mostly formed by volcanic activity. As a result, six volcanoes or volcano groups are still active on the island. It should be noted that Ulawun's last eruption, on October 1st 2019, hampered exploration of the North-East coast beyond Sulu.

The Bismarck archipelago is of historical importance for Pacific Island Countries as it is the motherland of the Lapita people, who are believed to be the ancestors of most of the modern Oceanic cultures. Nowadays, the people of New Britain practice a form of subsistence agriculture dominant to the region based on the vegetative propagation of crops, including bananas. Starting in the late 1960s, oil palm plantations were established along the north coast of WNB in several different management systems. In one of them, blocks of land were created and leased to smallholders. Consequently, families from other regions of the island and of the country settled on the North Coast of WNB, creating interesting connections to a wide range of Papuan areas.

We are grateful to Mr. Mark Leborg, DPI agriculture advisor in Kimbe, for successfully organizing the field logistics. Our warm thanks also go to Ms. Corine Loiseau and Ms. Roselyn Winston in Bioversity Montpellier and NARI-Laloki respectively, for their support in the administrative set up of the mission. We acknowledge the generosity of all of the farmers who kindly agreed to provide their plant material and to answer our questions. Additional thank you to Dr. Jeff Daniells who provided critical feedback on identification of specimens after the expedition and editing of this catalog.

Further information about this expedition can be found in:

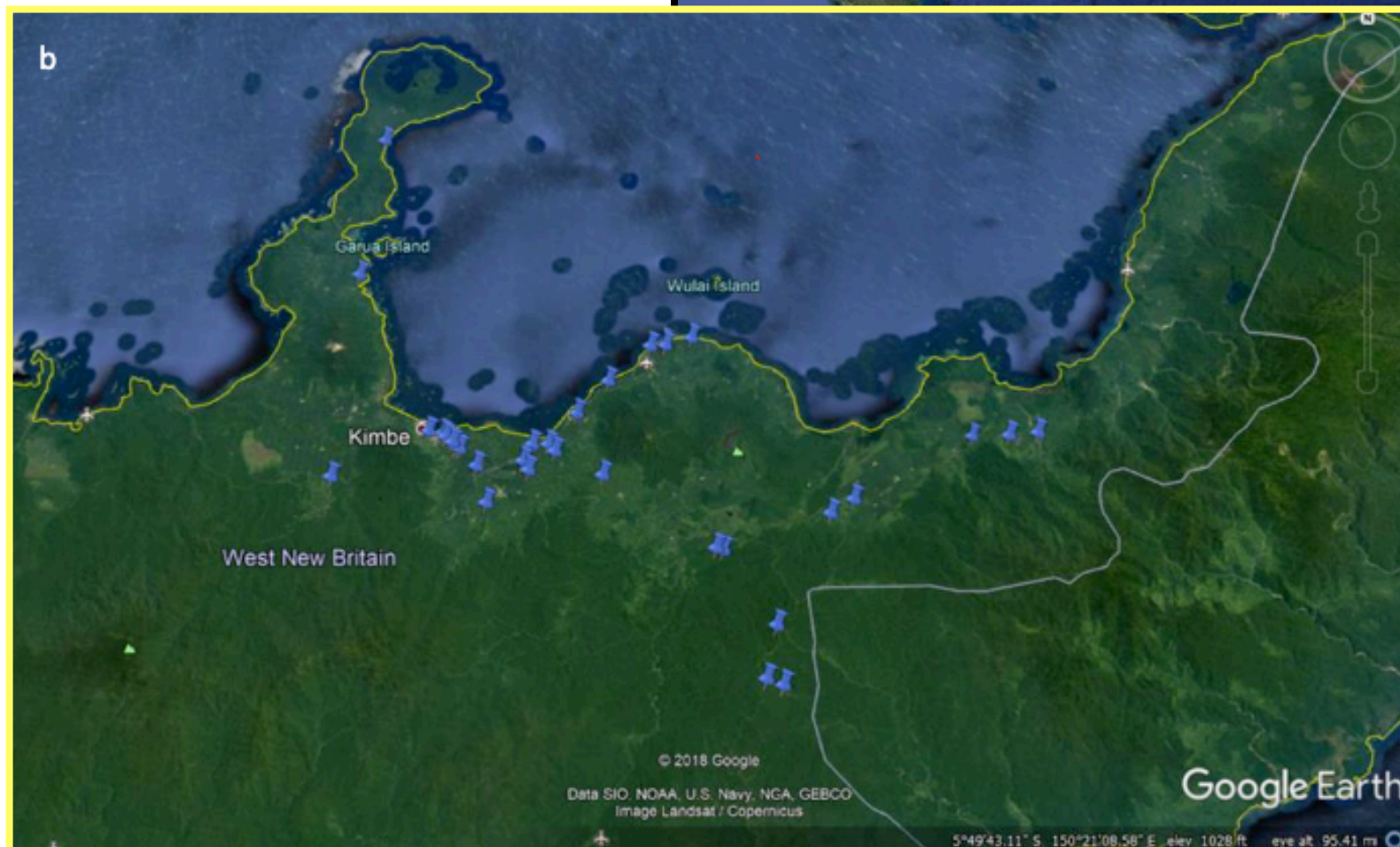
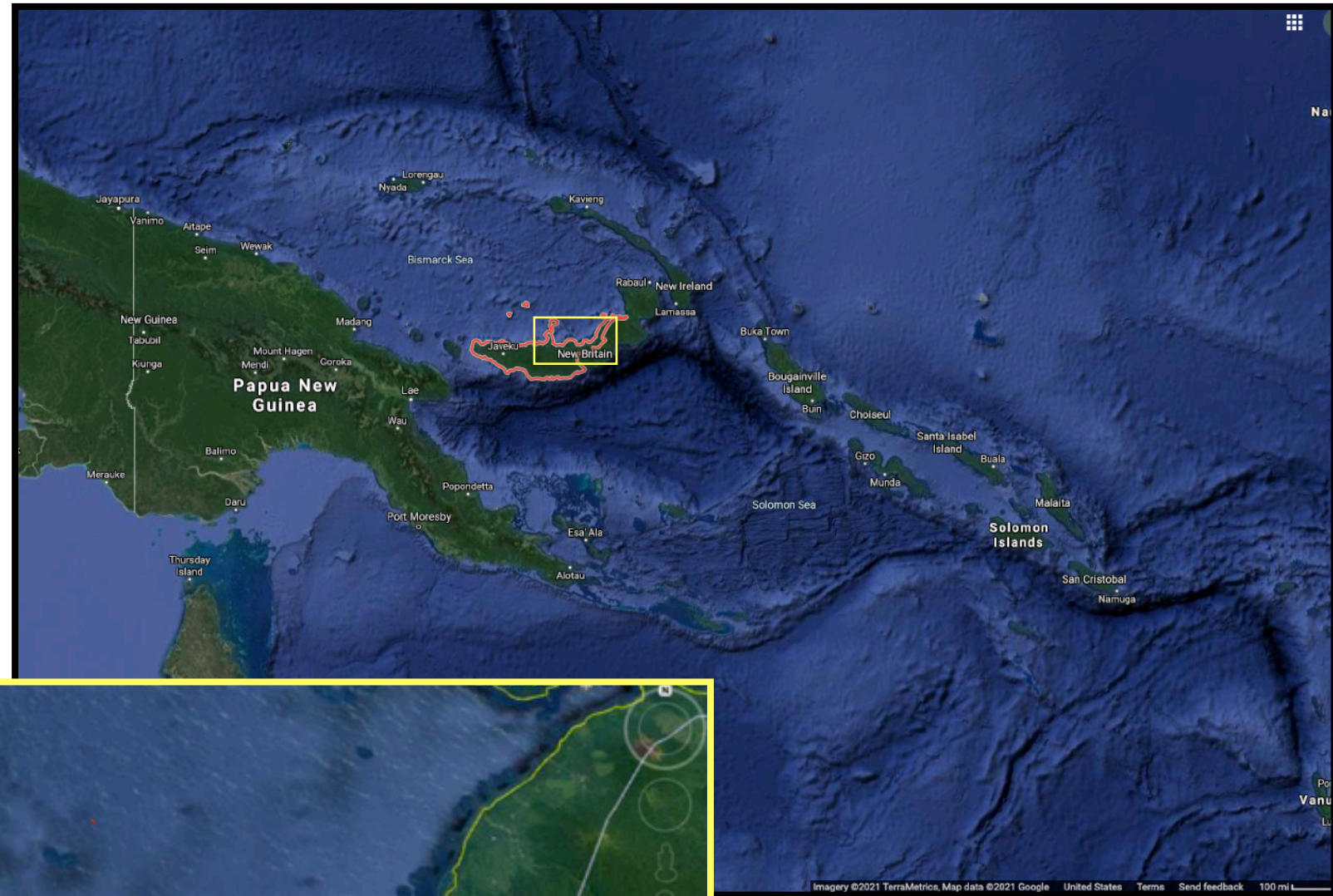
Report of the banana collecting mission to the province of West New Britain (WNB), Papua New Guinea, from September 30th to October 12th, 2019.

Available from: https://www.researchgate.net/publication/338422379_Report_of_the_banana_collecting_mission_to_the_province_of_West_New_Britain_WNB_Papua_New_Guinea_from_September_30th_to_October_12th_2019



The collecting team in Kimbe (from left to right): Janet Paofa (NARI-Laloki), Peter Talele (DPI-Kimbe), Julie Sardos (Bioversity-Montpellier), Ezrah Togabalaguguwa (DPI-Kimbe), M. Leborg, Gabriel Sachter-Smith, Chris Gaiba (DPI-Kimbe) and Joe Tou (DPI-Kimbe). Cover photo by Gabriel Sachter-Smith.

Regional Map:



 **Places of collection**

Collected Specimens

Local Name: Highlands Banana

Classification: AA

Collection Code: WNB002

Notes:

Said to be brought from the Highlands. Fruit used for cooking.



Local Name: Gwambu
Classification: AA
Collection Code: WNB003

Notes:

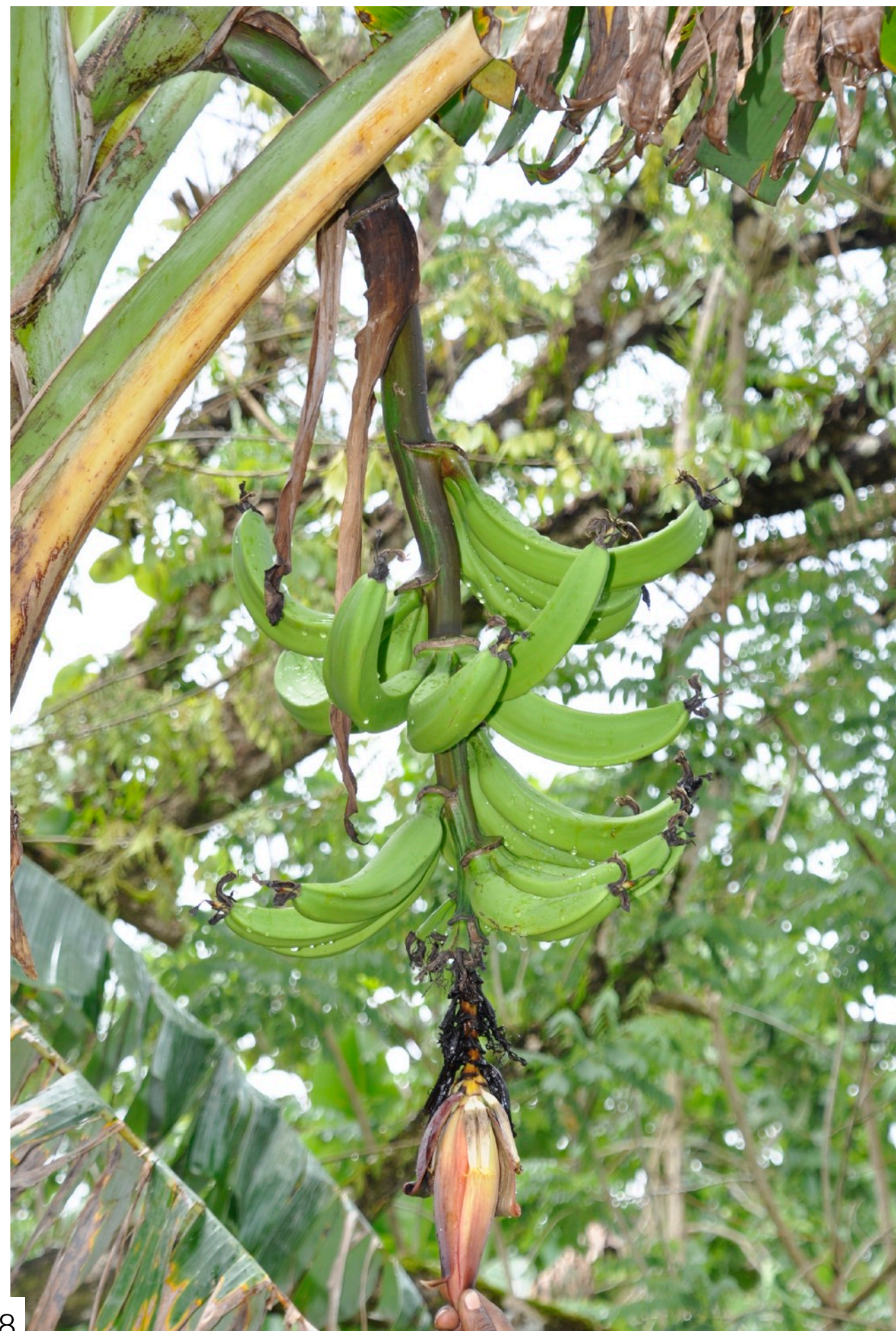
Meaning of name unknown. Meaning of name unknown. Fruit used for cooking.



Local Name: Pougala 1
Classification: AA
Collection Code: WNB007

Notes:

Name means “something of high value”. Used for cooking, or dessert when ripe. The villagers who grew this cultivar considered it to be the original ‘Pougala’, and they view it as the real one as opposed to the similar ‘Pougala 2’. Also spelled ‘Paxala’.



Local Name: Pougala 2
Classification: AA
Collection Code: WNB006

Notes:

Name means “something of high value”.
Used for cooking. Yellow flesh when cooked.
Also spelled ‘Paxala’.



Local Name: Ain Banana (AA)

Classification: AA

Collection Code: WNB009

Notes:

Name means “iron banana” because the cooked fruits remain very hard in texture.



Local Name: Goroka
Classification: AA
Collection Code: WNB010

Notes:
Used for cooking. Said to be brought from Goroka.



Local Name: Kiau Kiau White

Classification: AA

Collection Code: WNB011

Notes:

Fruit used for cooking. Leaves are variegated white, fruit also said to be variegated. Likely same as WNB029 'Mapalepa', and perhaps same as AROB055 'Tambra' from Bougainville.



Local Name: Oporusi
Classification: AA
Collection Code: WNB012

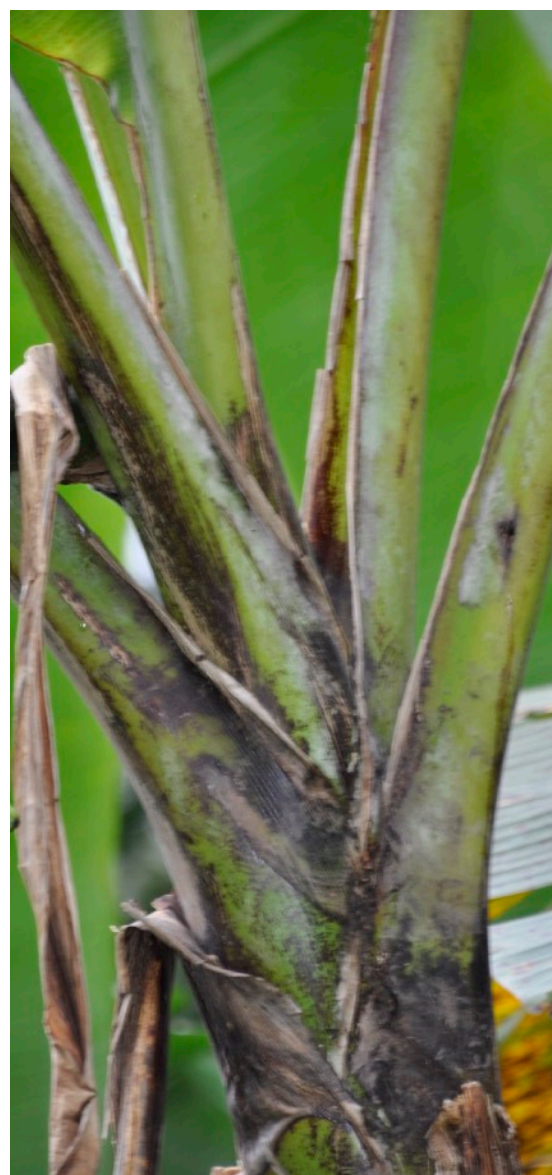
Notes:
Name means “yellow”. Fruit used for cooking.



Local Name: Ubai 2
Classification: AA
Collection Code: WNB015

Notes:

Named by team after collection location. Fruit used for cooking. Named after Ubai village where it was collected. Similar to or perhaps same as PNG102/ITC0777 'Pitu'.



Local Name: Gneing
Classification: AA
Collection Code: WNB017

Notes:

Name means “spiral”. Entire bunch composed of single spiraling hand. Preferred for dessert use, but also cooked. Likely same as PNG334/ITC0930 ‘Udiwasi’.



Local Name: Tuli
Classification: AA
Collection Code: WNB019

Notes:
Fruit used for cooking. Meaning of name unknown.



Local Name: Morobe

Classification: AA

Collection Code: WNB020

Notes:

Fruit used for cooking. Said to be brought from Morobe. Very small fruit and bunch, small slender plant.



Local Name: Moloung
Classification: AA
Collection Code: WNB021

Notes:

Used ripe as dessert fruit. Short plant, around 1.5m, relatively stocky. A more yellow-fruited form is also said to exist.



Local Name: Mining Junction 1

Classification: AA

Collection Code: WNB024

Notes:

Named by team after collection location. Fruit used both for cooking and dessert.



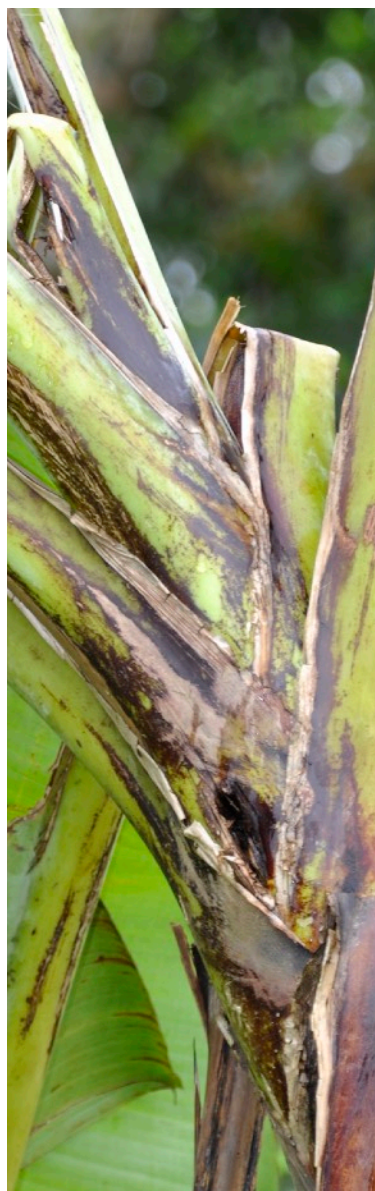
Local Name: Mining Junction 2

Classification: AA

Collection Code: WNB025

Notes:

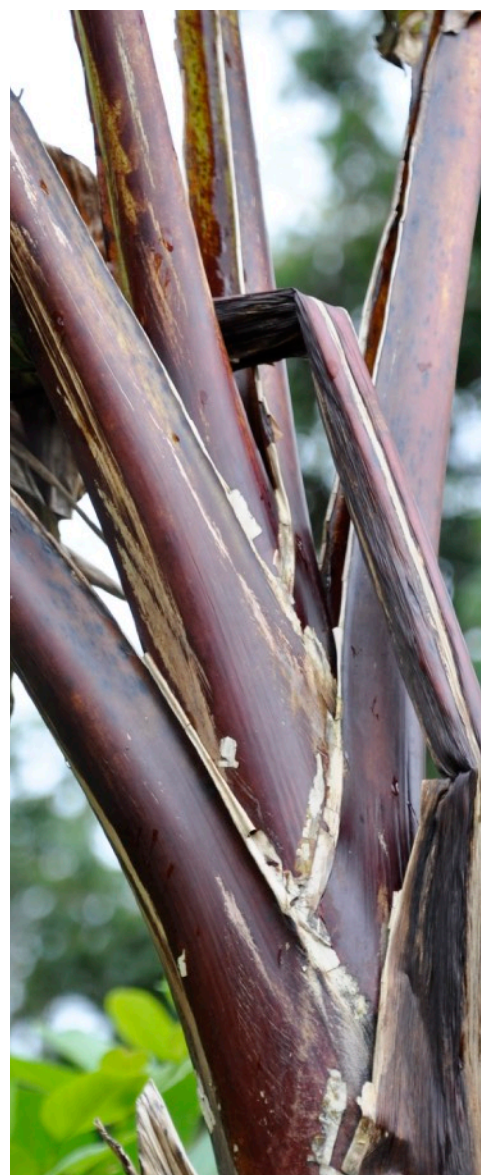
Named by team after collection location. Fruit used for dessert only.



Local Name: Tepori Won
Classification: AA
Collection Code: WNB026

Notes:

Meaning of name not known, said to perhaps be an old name. Fruit used for cooking. Extensive dark black/brown coloration on petioles and upper pseudostem.



Local Name: Mining Junction 3

Classification: AA

Collection Code: WNB027

Notes:

Named by team after collection location. Fruit used for dessert. Similar to or maybe same as ITC0873/PNG262 'Kwince'.



Local Name: Moking

Classification: AA

Collection Code: WNB028

Notes:

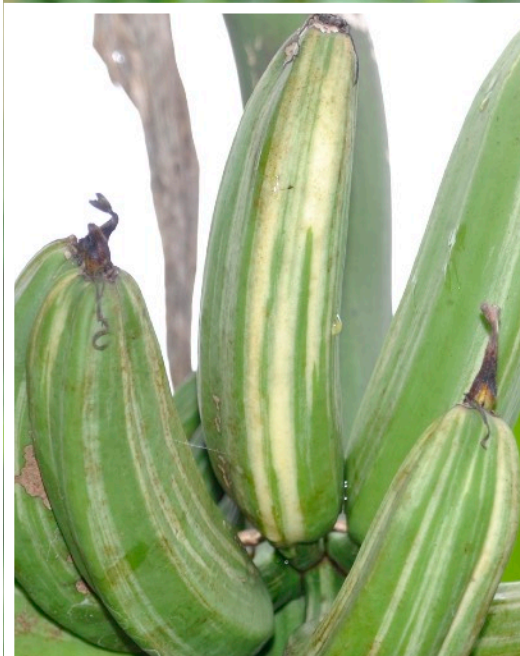
Name means “cooking over fire”. Used for cooking. Somewhat similar to the common ‘5-Minute’ banana ubiquitous in the region, but with more fruits and horizontal bunch as opposed to pendant, and seemingly more persistent male bud.



Local Name: Mapalepa
Classification: AA
Collection Code: WNB029

Notes:

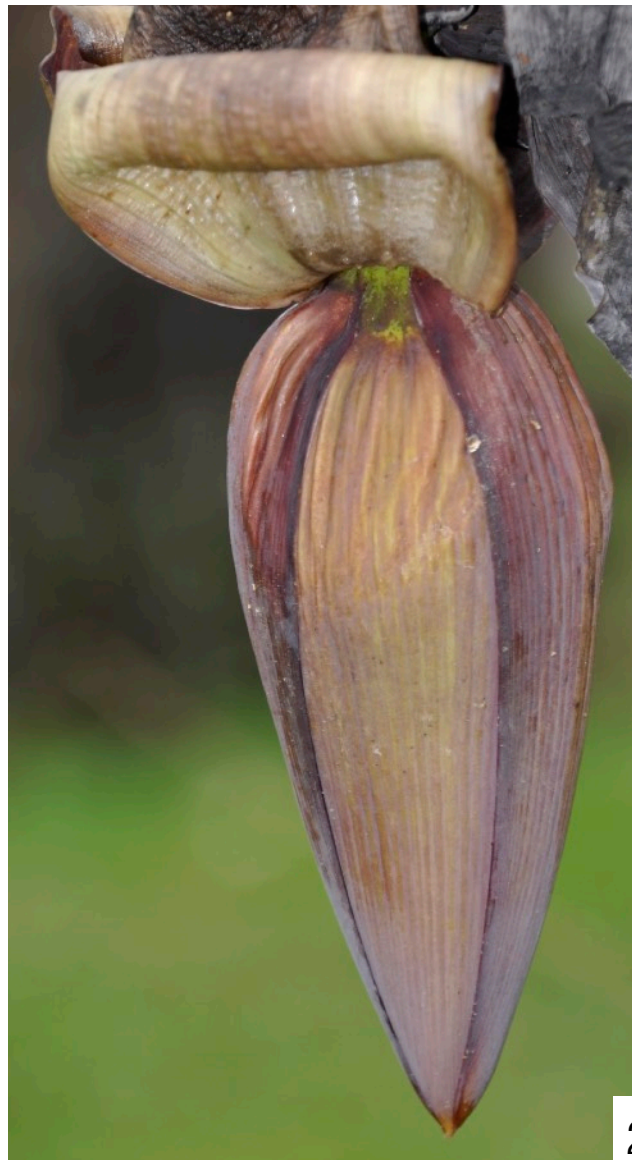
Fruit cooked. Leaves and fruit variegated white. Likely same as WNB011 'Kiau Kiau White'.



Local Name: Lop
Classification: AA
Collection Code: WNB030

Notes:

Name means “seed of the Taun tree”.
Preferred to be cooked over fire.



Local Name: Mining Junction 4

Classification: AA

Collection Code: WNB031

Notes:

Named by team after collection location. Fruit used for cooking and dessert. Few hands, long peduncle.



Local Name: Mostalulu Red
Classification: AA
Collection Code: WNB035

Notes:

Fruit used for dessert. Large bunches of many fruit. Said to drop the fruits easily from the hands when ripe.



Local Name: Lakiso 1
Classification: AA
Collection Code: WNB036

Notes:

Named by team after village where it was collected. Used for cooking. Very similar to common '5-minute' seen in the region, but fruits hang more distinctly downward.



Local Name: Valoka 1
Classification: AA
Collection Code: WNB039

Notes:

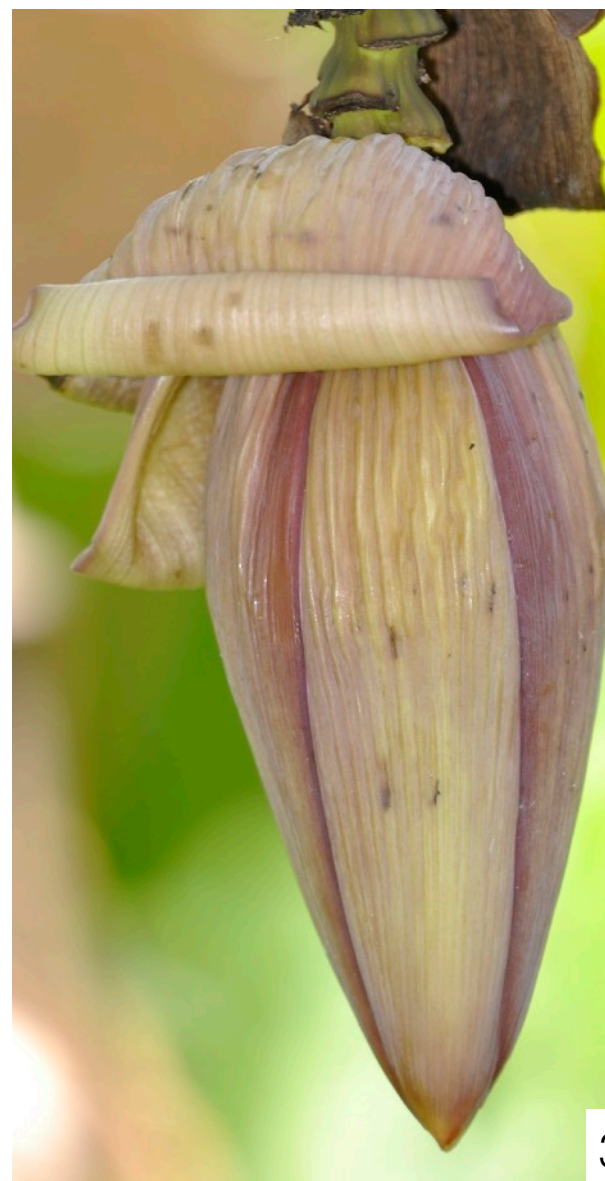
Named by team after village where it was collected. Fruit used for cooking. Slight red-pink color on mature fruit skin.



Local Name: Valoka 2
Classification: AA
Collection Code: WNB041

Notes:

Named by team after the village where it was collected. Used for cooking.



Local Name: Maia
Classification: AA
Collection Code: WNB042

Notes:

Meaning of name unknown. Fruit used for cooking. Perhaps same as AROB028 'Popondetta'.



Local Name: Lae Banana
Classification: AA
Collection Code: WNB044

Notes:

Said to be brought from Lae. Fruit used for cooking. Petioles and pseudostem with a yellow-hue, immature fruit is distinctly yellow.



Local Name: Tamaneburo
Classification: AA
Collection Code: WNB045

Notes:

Fruit used for dessert. Short, relatively compact plants. Similar to or same as WNB021 'Moloung'.



Local Name: Green Sausage

Classification: AA

Collection Code: WNB046

Notes:

Fruit not observed, but said to be perceived same as PNG132/ITC0796

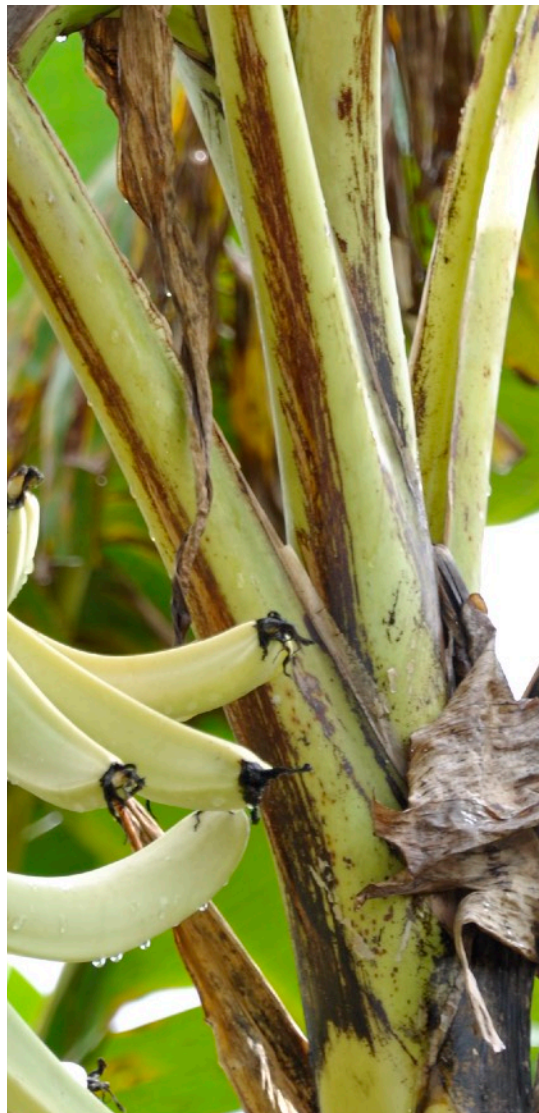
'Kirkirnan' (commonly called 'Sausage Banana' in the region), but with green fruits. Fruit used for dessert.



Local Name: Bola 1
Classification: AA
Collection Code: WNB047

Notes:

Named by team after village where it was collected. Fruit used for cooking. Fruit very long and distinctly pale-yellow, almost whitish when immature.



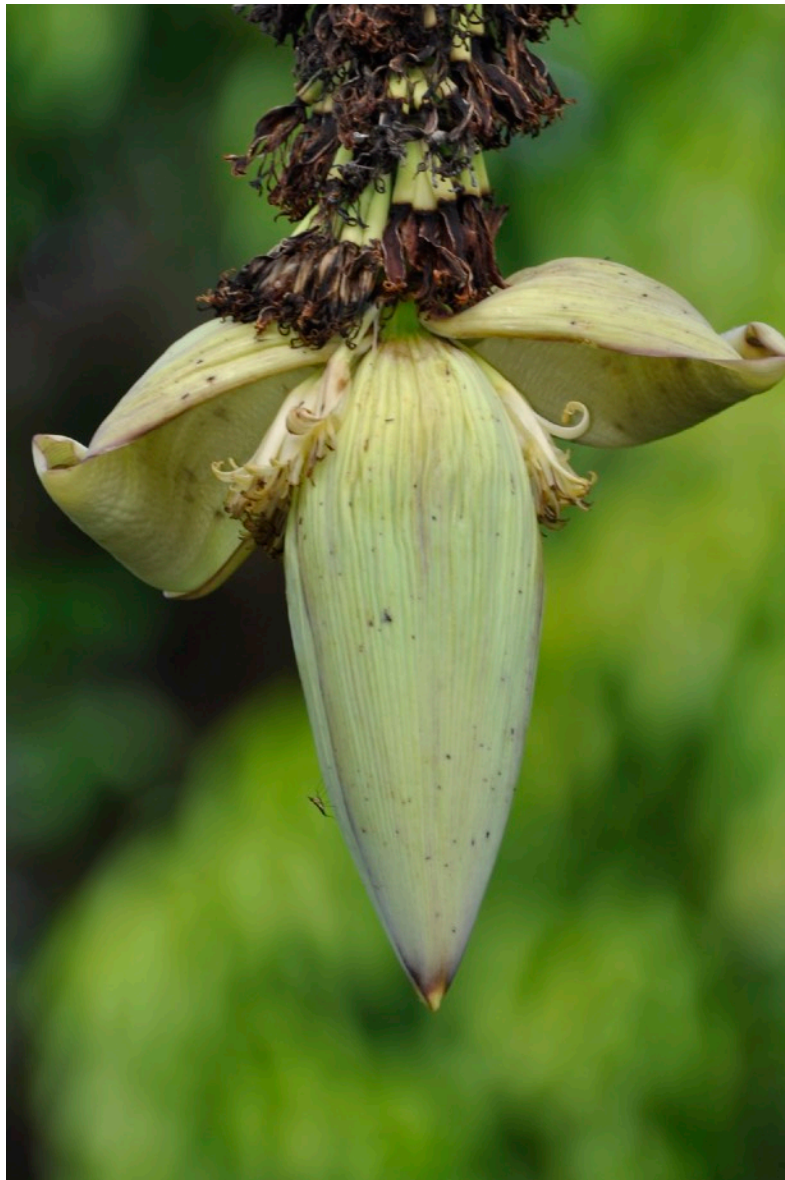
Local Name: Bola 2

Classification: AA

Collection Code: WNB048

Notes:

Named by team after village where it was collected. Plants very tall, fruit used for cooking. Also called 'Highland Banana'.



Local Name: Tui
Classification: AA
Collection Code: WNB050

Notes:
Meaning of name unknown. Fruits used for cooking. Very similar to WNB027 'Mining Junction 3', but without imbricated bud.



Local Name: Mirihe
Classification: AA
Collection Code: WNB051

Notes:

Meaning of name unknown. Used for dessert use only. Said to be quicker to ripen/mature than other dessert types. Similar to or same as WNB039 'Valoka 2'.



Local Name: Kovole

Classification: AA

Collection Code: WNB052

Notes:

Meaning of name unknown. Fruits used for cooking. Only 3 fruits per hand observed, and 2-4 male flowers per bract. Rachis with many bends.



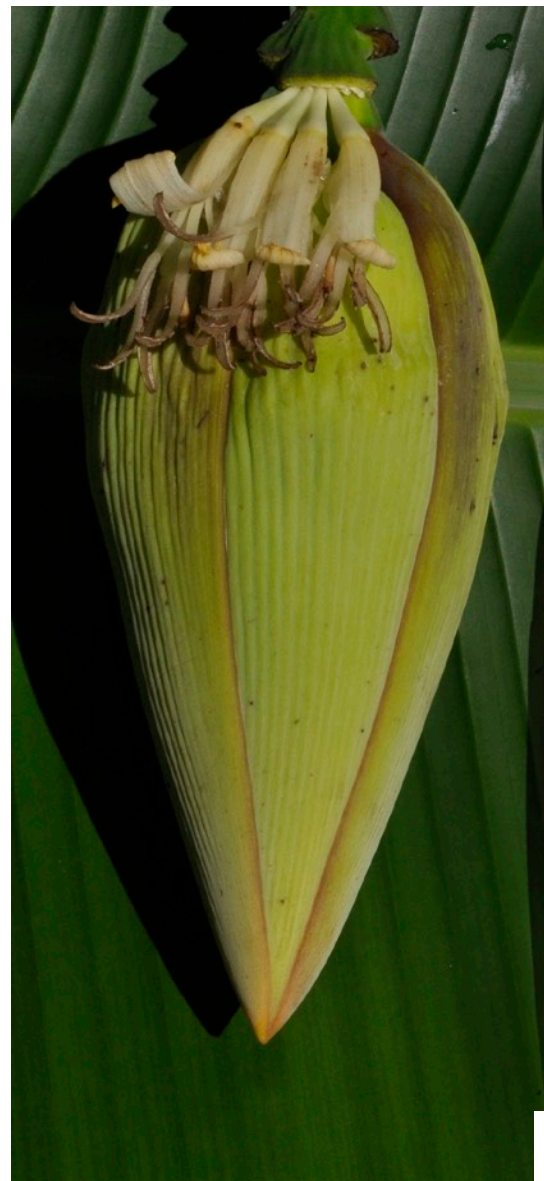
Local Name: Mea PK Long

Classification: AA

Collection Code: WNB054

Notes:

‘Mea’ is name for it in Talasea, but also called ‘PK’ after the chewing gum brand because it is said to have sticky textured fruits when cooked, and the fruit is also long. Fruit used for cooking.



Local Name: Misis
Classification: AA
Collection Code: WNB055

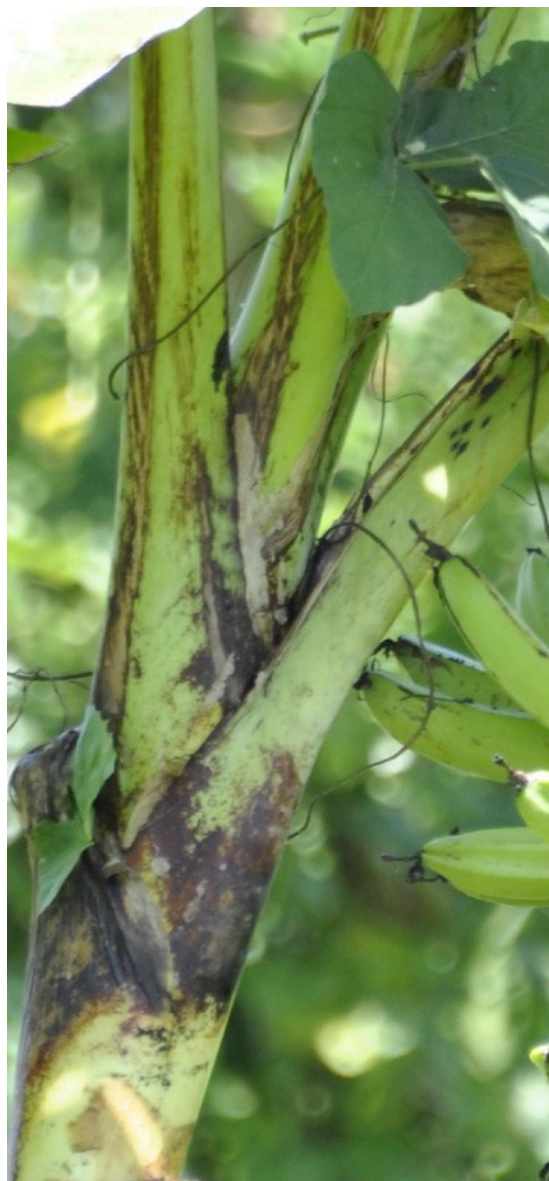
Notes:

Said to be similar to AROB035 'Talasea' (also referred to as 'Misis' sometimes), but with more red on fruits.



Local Name: Puri Kansa
Classification: AA
Collection Code: WNB056

Notes:
Meaning of name not known. Fruit used for cooking.



Local Name: Kapore Section 5

Classification: AA

Collection Code: WNB057

Notes:

Named by team after area where it was collected. Fruits not observed, but said to be short, and different from specimens previously collected. Fruit used for cooking.



Local Name: Sara Kolok 1
Classification: AA
Collection Code: WNB059

Notes:

Named by team after collection location.
Mature bunch not observed. Tall and slender
plant.



Local Name: Sara Kolok 2

Classification: AA

Collection Code: WNB060

Notes:

Named by team after collection location. Immature fruits as well as pseudostem and petioles distinctly yellow tinged. Flesh is light orange in color.



Local Name: Pagal
Classification: AA
Collection Code: WNB063

Notes:

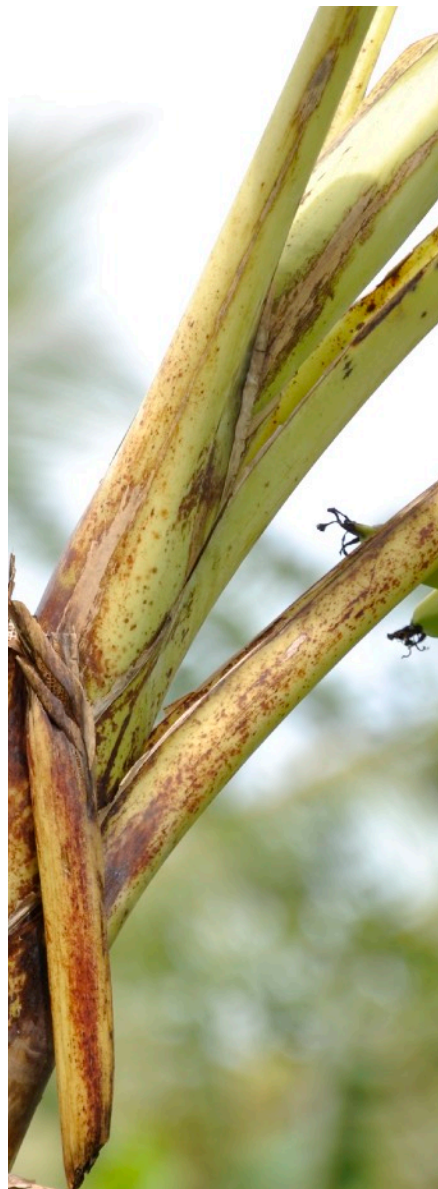
Meaning of name not know. Very large and thick fruits, up to 35cm. Fruit used for cooking. Said to be brought from the Highlands.



Local Name: Sanap
Classification: AA
Collection Code: WNB064

Notes:

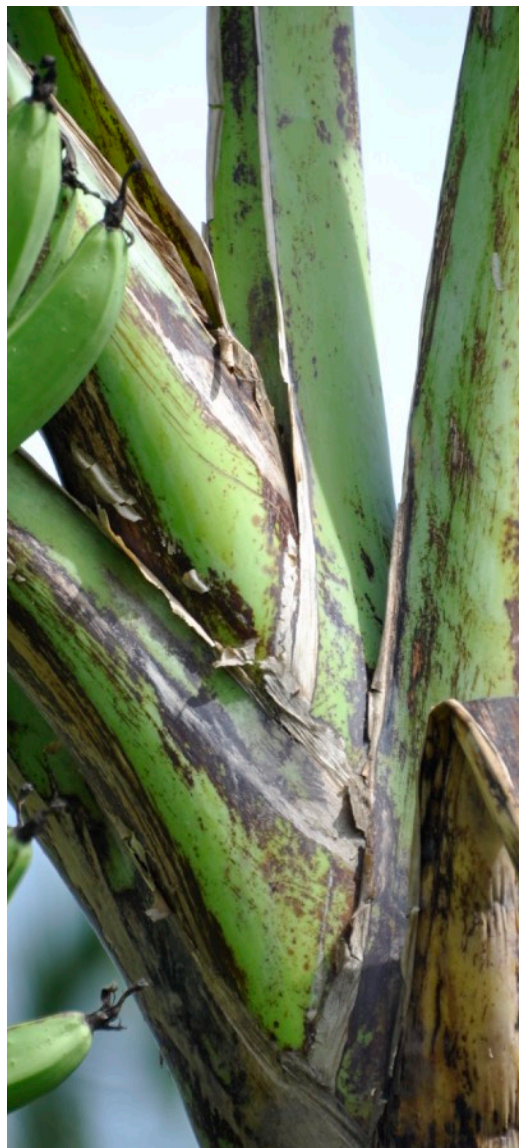
Name means “stand up”, in an ode to a young woman’s developing breasts. Fruit used for dessert. Orange flesh.



Local Name: Mea
Classification: AA
Collection Code: WNB065

Notes:

Similar to WNB054, but with fruits pointing mostly outwards instead of up. Fruit used for cooking.



Local Name: Genesis Haven

Classification: AA

Collection Code: WNB066

Notes:

Named after the place of collection by the team. Fruit not observed. Fruit used for cooking. No photos available.

NO PHOTO

Local Name: Kapore Section 2

Classification: AA Sucrier

Collection Code: WNB072

Notes:

Named by team after collection location. Fruit is cooked and used for dessert. Very tall, with very dark pseudostems.



Local Name: Sepik
Classification: AA or AAA
Collection Code: WNB022

Notes:

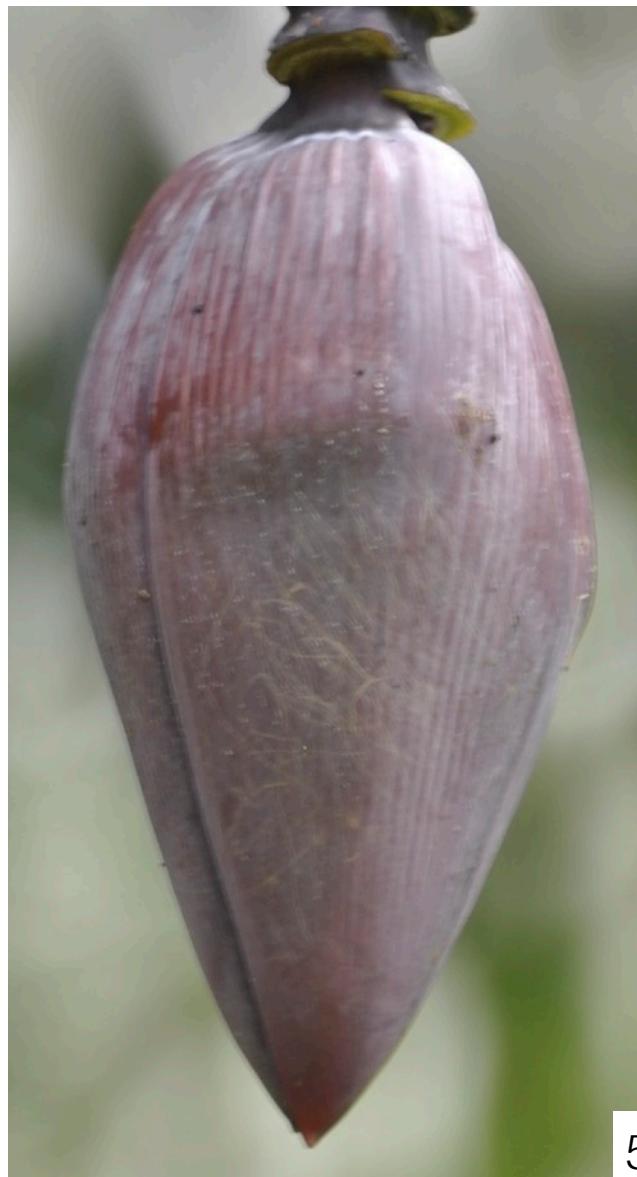
Preferred to be cooked when ripe over fire.
Said to be brought from Sepik.



Local Name: Long
Classification: AAA
Collection Code: WNB017

Notes:

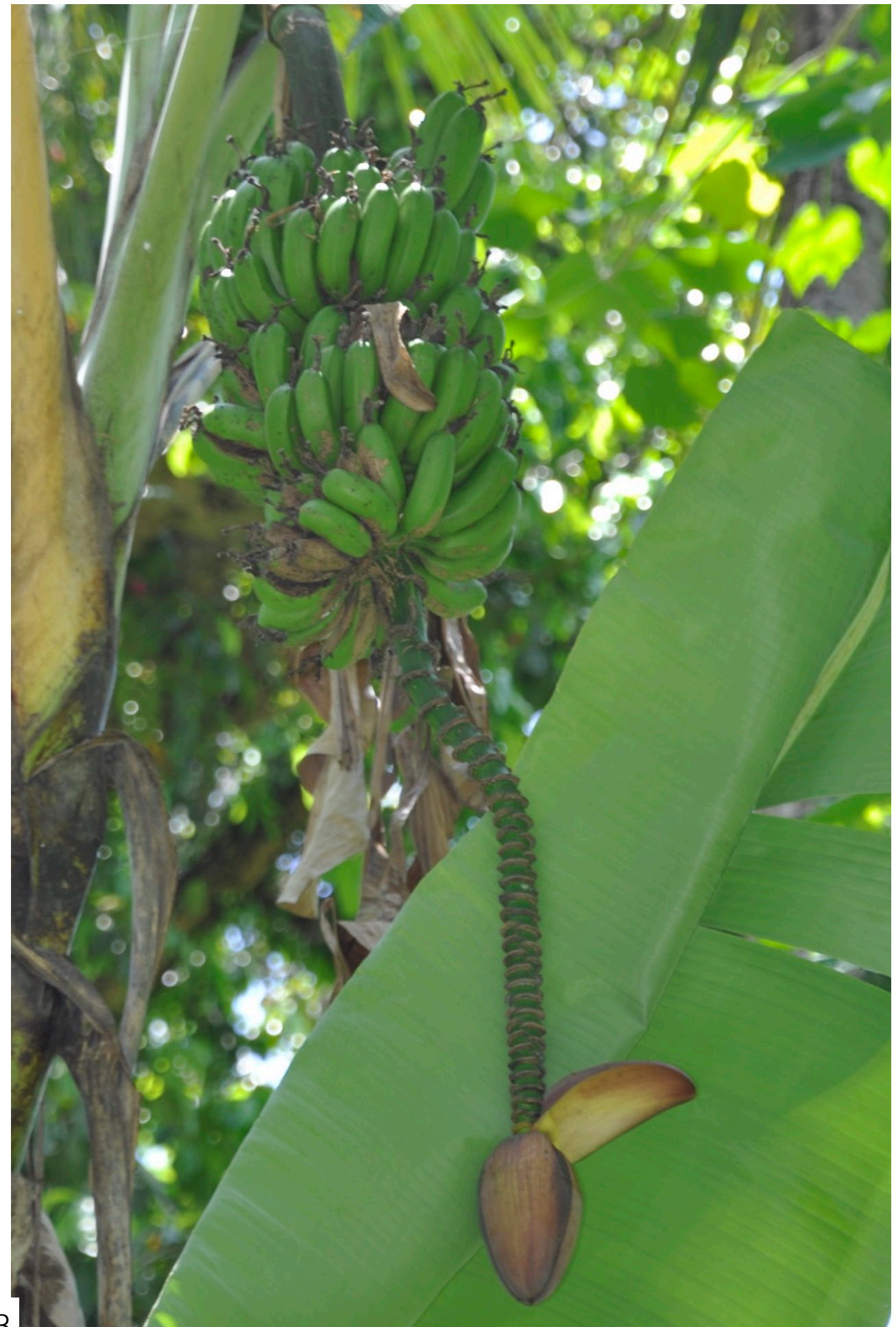
Called “Long” because the plant is very tall.
Large fruit and bunches. Used for cooking and
dessert. Likely same as PNG359/ITC0952
‘Mise’ehina’. Likely red form of PNG204/ITC0844
‘Kumbak’, which was also observed in the region.



Local Name: PK
Classification: AAA
Collection Code: WNB038

Notes:

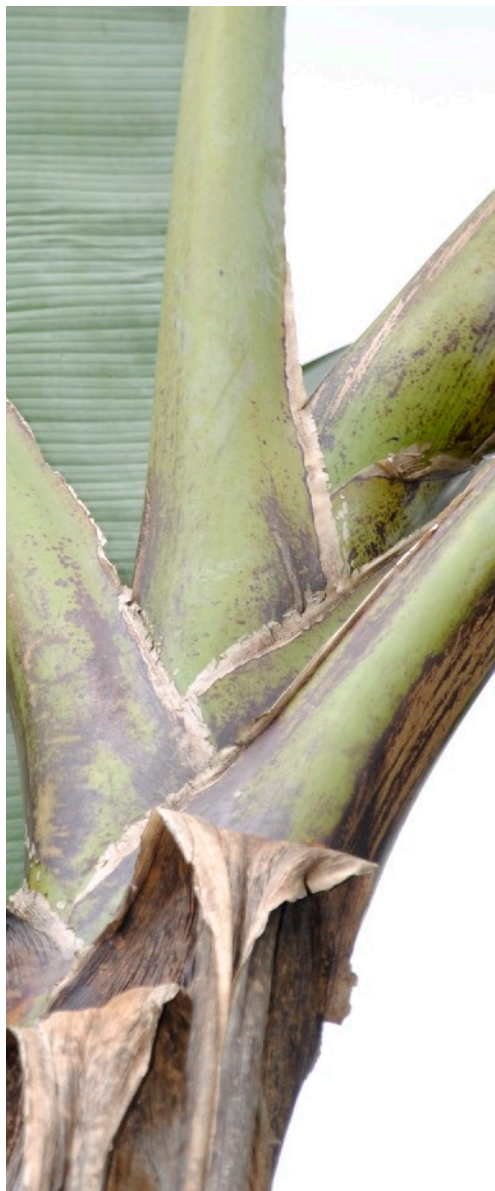
Name is from “PK Gum”, a chewing gum brand, because the sap is said to be very sticky. Used for cooking. Likely same as AROB057 ‘Sepik’ and PNG270/ITC0880 ‘Wisu’.



Local Name: Mau Banana
Classification: AAB
Collection Code: WNB001

Notes:

“Mau” is name given to a number of different types which are eaten raw when sweet. Potentially same as Gamaha PNG192/ ITC1006.



Local Name: Mesi Riringa
Classification: AAB Iholena
Collection Code: WNB023

Notes:

Name means “color of the tree kangaroo”. Bunch not observed, but when shown a photo of Iholena bunches the owners confirmed it is similar. Leaves lightly variegated with white, with light red coloration on abaxial surface of young leaves, fading with maturity. Fruit cooked or eaten ripe as dessert. Preliminary molecular analysis confirms Iholena classification.



Local Name: Balabolo 1
Classification: AAB Iholena-like
Collection Code: WNB032

Notes:

Named by team after village where it was collected. Similar to Samoa's 'Mamae Upolu', but taller plant. Fruit used for cooking and dessert.



Local Name: Butu

Classification: AAB Maoli-Popo'ulu

Collection Code: WNB069

Notes:

Meaning of name unknown. Degenerating male bud. Fruit is cooked. Said to brought from Bali Island (Unea?).



Local Name: Lavugi

Classification: AAB Maoli-Popo'ulu

Collection Code: WNB043

Notes:

Fruit used for cooking and dessert. Reddish pseudostem and degenerating male bud. Said to be brought from Sepik.



Local Name: Komo
Classification: AA/AAB?
Collection Code: WNB061

Notes:

Meaning of name unknown. Somewhat similar to ITC0210 'Pacific Plantain', having few fruits and persistent flowers, and some black pigmentation in petioles. Fruit used for cooking. Appearing very similar to Maoli-Popo'ulu, but preliminary molecular analysis suggests it clusters closer to banksii-derived AA cultivars.



Local Name: Ruango Block

Classification: AAB

Collection Code: WNB070

Notes:

Named by team after collection location. Small fruits, similar to WNB068 'Shorty'. Degenerating bud. Fruit is cooked. Appearing very similar to Maoli-Popo'ulu, but preliminary molecular analysis suggests it clusters closer to AAB Laknau.



Local Name: Shorty
Classification: AAB
Collection Code: WNB068

Notes:

Named so because the fruit is short. Fruit is unusually small compared to other Maoli types. Degenerating male bud. Said to be cooked when the fruit is ripe. Appearing very similar to Maoli-Popo'ulu, but preliminary molecular analysis suggests it clusters closer to AAB Laknau.



Local Name: Wan Gevi
Classification: AAB
Collection Code: WNB040

Notes:

Name means “one hand”. Like a Horn Plantain with only one hand and no male axis. Fruit used for cooking. Appearing very similar to Maoli-Popo’ulu, but preliminary molecular analysis suggests it clusters closer to AAB Laknau.



Local Name: Buka Kiakiau
Classification: AAB
Collection Code: WNB049

Notes:

Plants rather tall and very skinny. Cooked fruit said to be dry and often eaten with pork. Perhaps same as PNG360/ITC0953 'Mandape'. Appearing somewhat similar to Maoli-Popo'ulu, but preliminary molecular analysis suggests it clusters closer to AAB Iholena.



Local Name: Ubai 1
Classification: AAB
Collection Code: WNB014

Notes:

Named by team after collection location. Normally cooked half-ripe, or boiled when fully ripe. Somewhat Maoli-Popo'ulu like in appearance, but very slender and tall diploid-looking plant. Preliminary molecular analysis suggest it clusters instead with AAB Laknau. Perhaps same as or similar to PNG351/ITC0944 'Wambo'.



Local Name: Dwarf Yawa
Classification: ABB Pisang Awak
Collection Code: WNB053

Notes:

Observed at Kapore research station in collection. Common dwarf 'Namwah'/'Pisang Awak' type.



Local Name: White Tukuru
Classification: ABB Kalapua
Collection Code: WNB058

Notes:

Tukuru is a common name in the area for Kalapua type bananas. The “white” part of the name comes from the heavy wax deposit on plant and reportedly on fruit. Somewhat shorter and stockier than other Kalapua types in area and those in NARI collection. Fruit used for cooking, preferring to be roasted.



Local Name: Tukurū Round
Classification: ABB Kalapua
Collection Code: WNB071

Notes:

Tukurū is a local name for Kalapua types, fruit has a rounded apex. Fruit is cooked. Said to be brought from East Sepik.



Local Name: Lakiso 2
Classification: AS
Collection Code: WNB037

Notes:

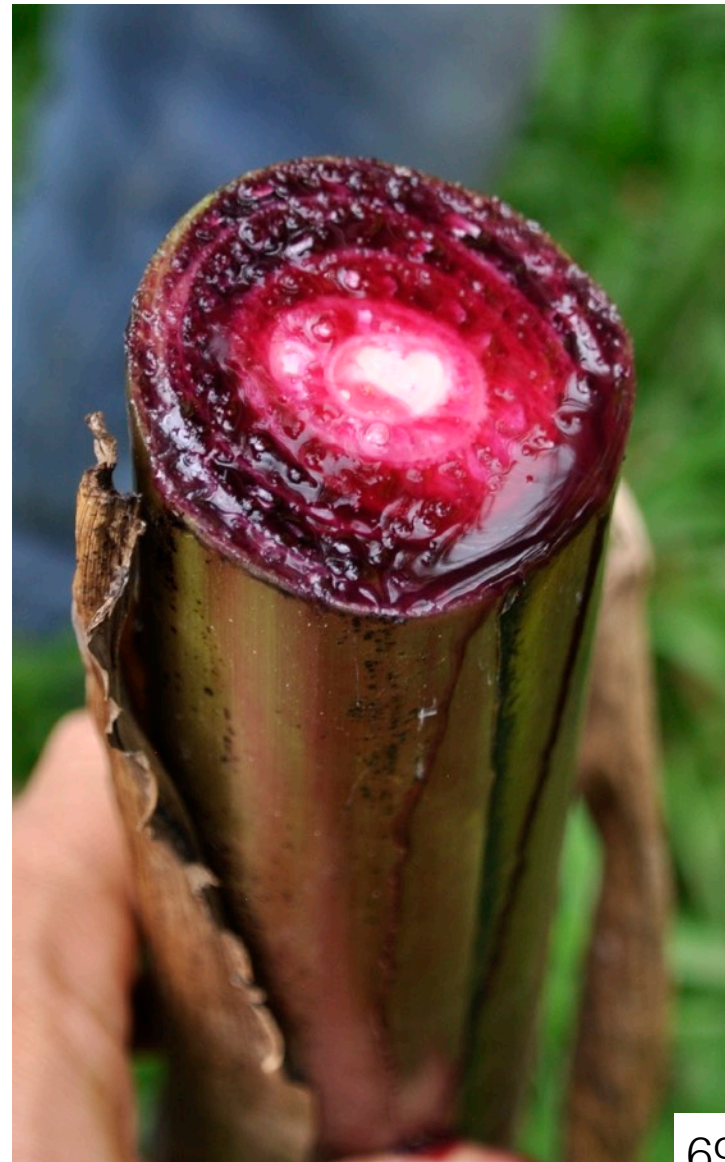
Named by team after village where it was collected. Fruit preferred to be roasted over fire. Distinct long bottle-nosed apex, and particularly dark-green fruits when unripe. Ripens somewhat green and with sour taste. Potentially same as or similar to PNG123/ITC0791 'Kokor'.



Local Name: Lolu
Classification: Fe'i
Collection Code: WNB005

Notes:

Name means “blood”, the color of the sap.
Eaten cooked and raw-ripe. Round fruits with
a distinct elongated pedicel. Similar to
WNB008 ‘Wore’, AROB051 ‘Limot’ and
AROB052 ‘Poso-Olohi’.



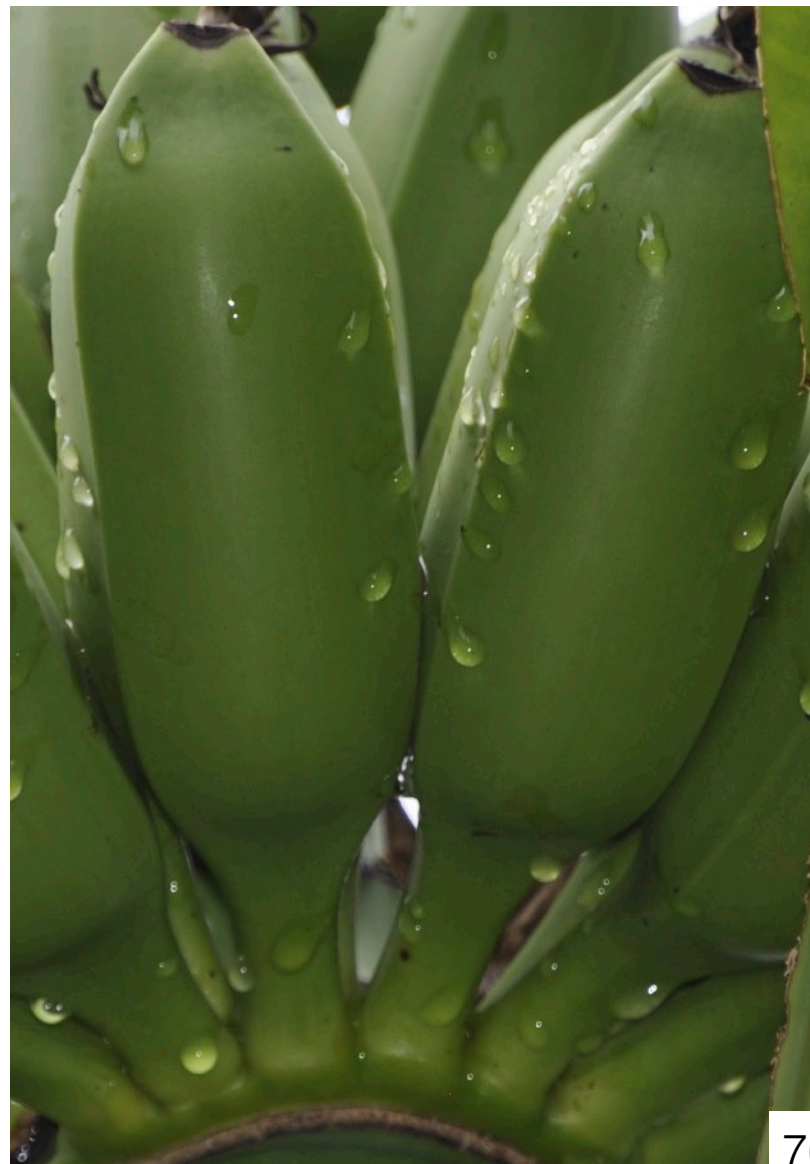
Local Name: Wore

Classification: Fe'i

Collection Code: WNB008

Notes:

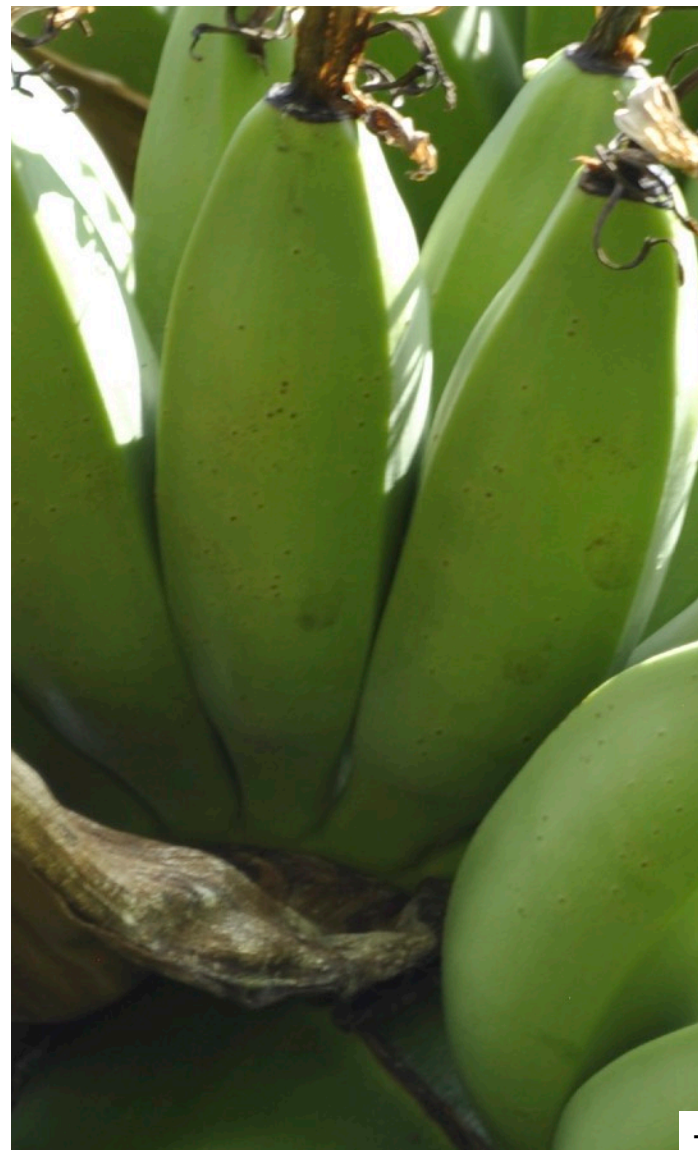
Normally cooked. Said to be brought from Bali island (Unea?). Eaten cooked and raw-ripe. Round fruits with a distinct elongated pedicel. Similar to WNB005 'Lolu', AROB051 'Limot' and AROB052 'Poso-Olohi'.



Local Name: Apap
Classification: Fe'i
Collection Code: WNB016

Notes:

Name means “up up”/“up”, denoting it's erect bunch. Used for cooking and dessert. Many fruit, distinctly angled with very short pedicels. Likely same as WNB033 'Kapiak'.



Local Name: Kapiak
Classification: Fe'i
Collection Code: WNB033

Notes:

Name means "Breadnut/Breadfruit", because ripe fruit said to be similar to ripe breadnut/breadfruit. Somewhat rhizomatous as suckers appear at a distance from the mother shoot. Likely same as WNB016 'Apap'.



Local Name: Wel Banana

Classification: *M. acuminata* subsp. *banksii*

Collection Code: WNB004

Notes:

Name means “wild banana”. Few plants located, only observed in one location in Garu oil palm plantation. Said to be eaten occasionally, ripe fruits are cooked and the seeds removed.



Local Name: *Musa maclayi* 1
Classification: wild *Callimusa*
Collection Code: WNB013

Notes:

Not commonly found, but occasionally seen on roadsides. Fruit very angular, with very short/almost no pedicel and very tightly packed within a hand.



Local Name: Flower Banana

Classification: unknown

Collection Code: WNB034

Notes:

Fruit not observed, but said to be ornamental only and to never produce fruit. but with slightly different coloration pattern on leaves. Young leaves start out mostly green with red on margins, and become fully red with age. Similar to AROB041 'Glenda's Red' and other red-leaf ornamental bananas in the region. Preliminary molecular analysis suggests clustering with wild-type *M. acuminata* subsp. *banksii* x *M. schizocarpa* hybrids and AS cultivars.



Local Name: Hill Top
Classification: unknown
Collection Code: WNB062

Notes:

Named by owner after collection area. Similar in habit to other “red leaf” cultivars in region such as WNB034, WNB067, AROB001, AROB006, and AROB045. Not known to flower or produce fruit, only grown as a garden ornamental. Preliminary molecular analysis suggests clustering with wild-type *M. acuminata* subsp. *banksii* x *M. schizocarpa* hybrids and AS cultivars.



Local Name: Purple Banana

Classification: unknown

Collection Code: WNB067

Notes:

Likely same as AROB-006 'Nono'. Not known to flower or produce fruit, only planted as a garden ornamental. Chimeric variegation along with deep reddish pigmentation gives a range of color on the leaves including: white, light green, green, light pink, pink, red, purple, and dark purple. Preliminary molecular analysis suggests clustering with wild-type *M. acuminata* subsp. *banksii* x *M. schizocarpa* hybrids and AS cultivars.



Non-Collected Specimens

Local Name: 5-minute (green bud)

Classification: AA

Notes:

Common in region. Called '5-minute' because the fruit pulp is light in texture and cooks quickly over a fire.



Local Name: 5-minute (red bud)

Classification: AA

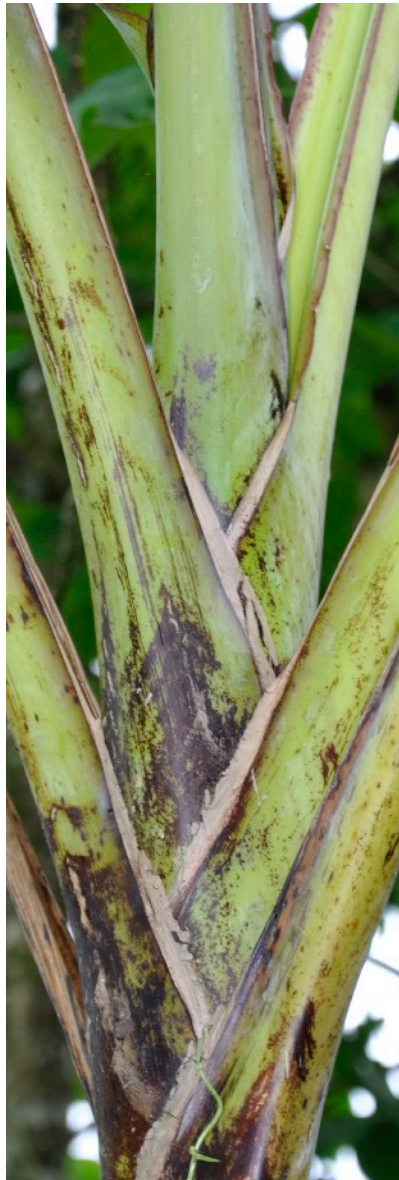
Notes:

Likely different from normal green bud '5-minute' besides bud color, but considered as the same, and also said to cook quickly over a fire.



Local Name: unknown
Classification: AA

Notes:
ITC1243/PNG030 'Kokopo 1'.

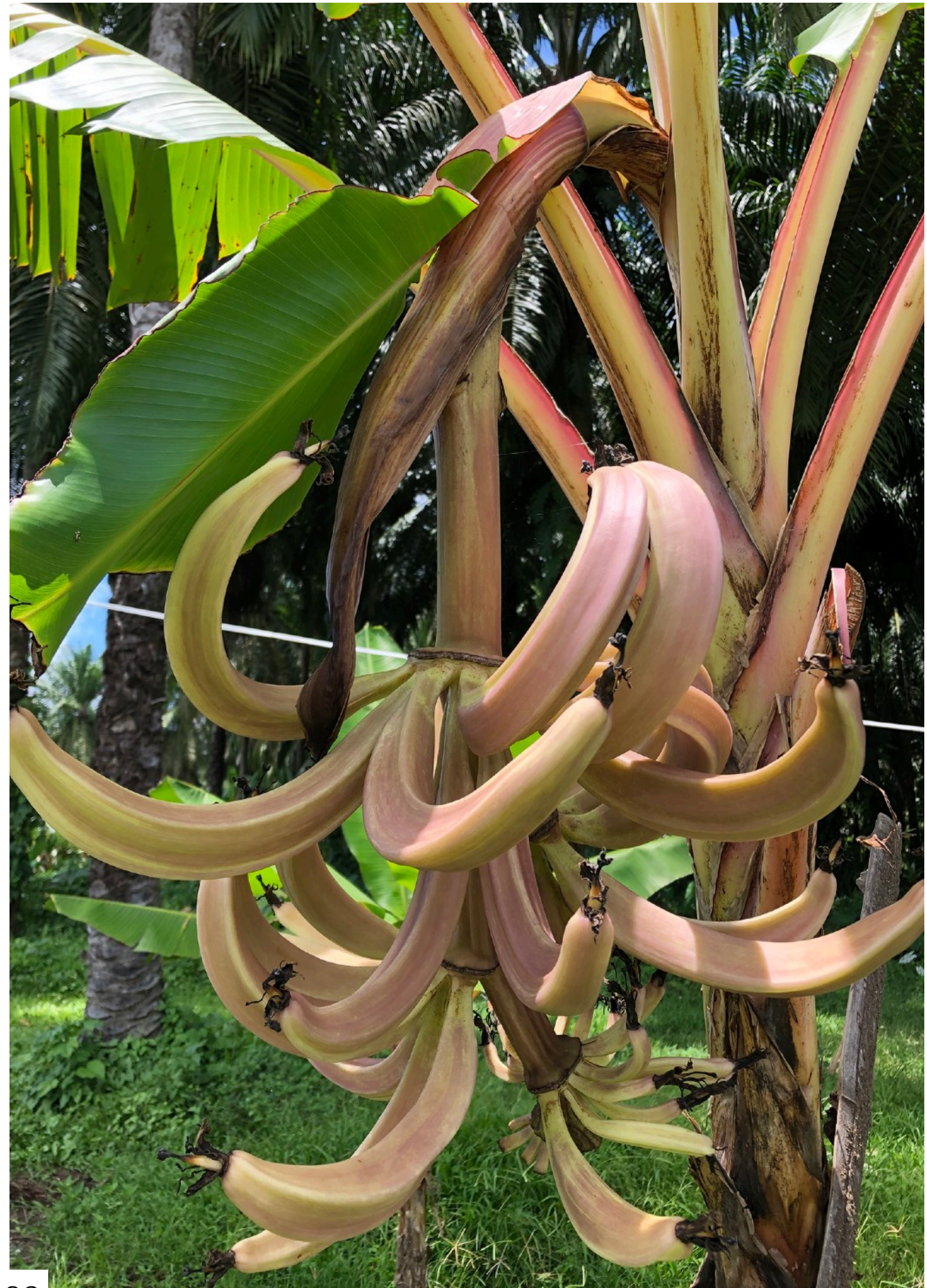


Local Name: Karnakau

Classification: AA

Notes:

Likely same as AROB035 'Talasea', and similar to ITC0600/PNG043 'Waimara'. Potentially same as WNB055 'Misis'.



Local Name: unknown

Classification: AA

Notes:

No information known. Similar to a number of types commonly called 'Kekiau'.



Local Name: unknown
Classification: AA

Notes:
Potentially same as ITC0827/PNG203 'Kerua'.



Local Name: unknown
Classification: AA

Notes:
ITC0904/PNG301 'Papat Wung'.



Local Name: Lis
Classification: AA

Notes:
ITC0796/PNG132 'Kirkirnan'.



Local Name: unknown

Classification: AA

Notes:

AROB042 'Asi'. Very small plant, 1m or less in height.



Local Name: unknown
Classification: AA

Notes:
ITC1000/PNG168 'Gunih'.



Local Name: unknown
Classification: AA

Notes:
ITC0996/PNG161 'Manameg (Red)'.



Local Name: Mau

Classification: AA Pisang Jari Buaya

Notes:

Name is common and given to many different varieties which are eaten ripe/raw. Common Pisang Jari Buaya type.



Local Name: unknown
Classification: AA

Notes:
ITC0595/PNG028 'Pagatau'.



Local Name: unknown
Classification: AA

Notes:
Seen at Hoskins. No information known.



Local Name: Kekiau
Classification: AA

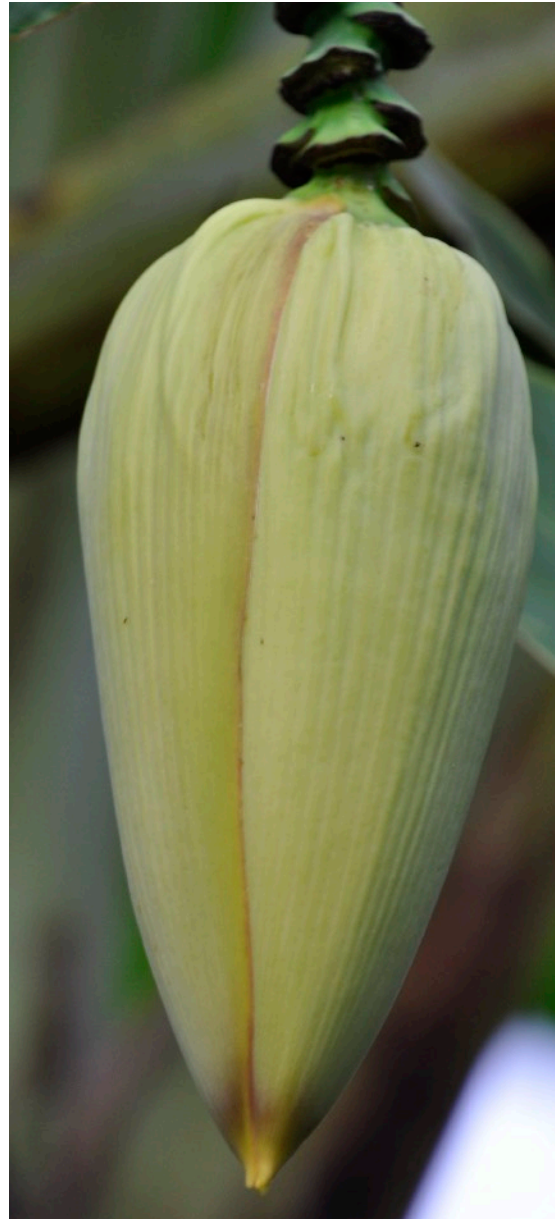
Notes:

Very common and much appreciated variety in the region.



Local Name: unknown
Classification: AA or AAA

Notes:
Similar to AROB015 'Laguai'.



Local Name: unknown

Classification: AAA Mutika-Lujugira-like?

Notes:

Likely same as AROB024 'Seven Kina', which is linked to AAA Mutika-Lujugira/ East African Highland Bananas.



Local Name: unknown

Classification: AAA Cavendish

Notes:

Common 'Dwarf Cavendish' type.



Local Name: Mau

Classification: AAA Gros Michel

Notes:

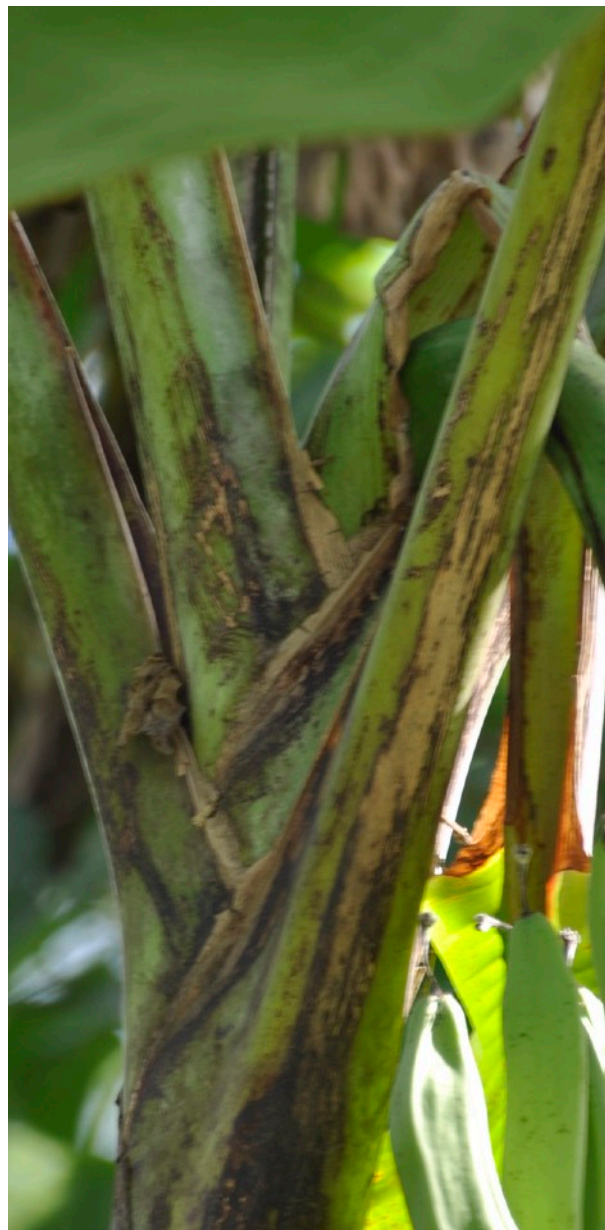
Name is common and given to many different varieties which are eaten ripe/raw. Common Gros Michel type.



Local Name: unknown
Classification: AAA

Notes:

ITC0844/PNG204 'Kumbak'. Seemingly green form of WNB017 'Long'/ITC0952/PNG359 'Mise'ehina'.



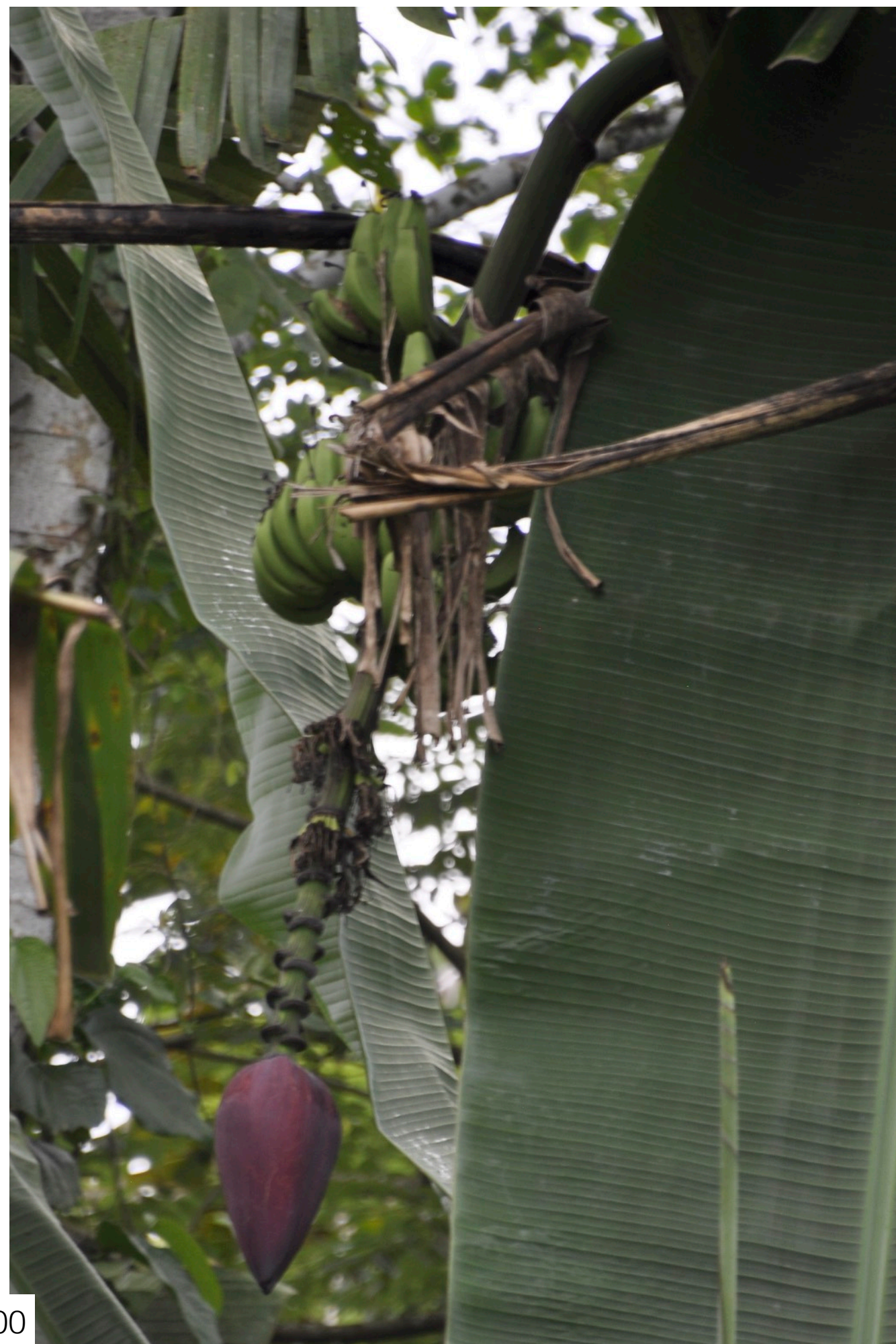
Local Name: Red Sasis
Classification: AAA Red

Notes:
Name means “red sausage”. Common Red type.



Local Name: unknown
Classification: AAA Red

Notes:
Common 'Green Red' type.



Local Name: unknown

Classification: AAB Iholena-like

Notes:

Potentially ITC0831/PNG207 'Rukumamb'.



Local Name: unknown

Classification: AAB Iholena

Notes:

Present in NARI collection as 'Sepik Red'.
Bunch photo from NARI Laloki courtesy of
curator Janet Paofa.



JANET PAOFA



Local Name: Yoasul

Classification: AAB Iholena

Notes:

Meaning of name unknown. Typical Iholena type. Potentially same as ITC0825/PNG196 'Uzakan'.



Local Name: Gevi Lua
Classification: AAB Plantain

Notes:
Name means “two hands”. Horn type
Plantain.



Local Name: unknown

Classification: AAB Laknau

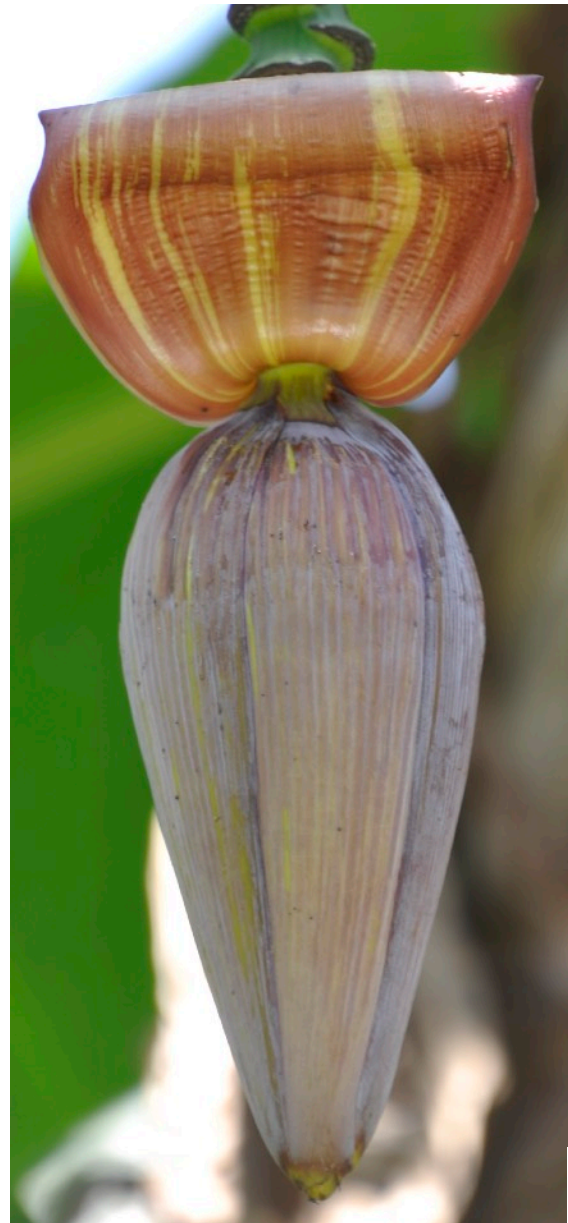
Notes:

Apparent non-parthenocarpic sport. Owners could not be located for information as to whether this is a normal or unusual occurrence for this plant.



Local Name: unknown
Classification: AAB Laknau

Notes:
Typical Laknau type.



Local Name: Mau
Classification: AAB

Notes:

Name is common and given to many different varieties which are eaten ripe/raw. Likely same as AROB044 'Arawa', maybe same as ITC0940/PNG347 'Boung Fu'.



Local Name: Mau

Classification: AAB Mysore

Notes:

Name is common and given to many different varieties which are eaten ripe/raw. Common Mysore type.



Local Name: Kokorum
Classification: AAB Silk

Notes:
Common 'Silk' type.



Local Name: Tukuru
Classification: AAB

Notes:

Name is common also for Kalapua types.
ITC0983/PNG034 'Auko'.



Local Name: Katkatur

Classification: AAB Pisang Raja

Notes:

Pisang Raja type with rounded bud apex and fewer persistent bracts and flowers as compared to “standard type” on page 112.



Local Name: unknown
Classification: AAB Pisang Raja

Notes:
Standard type 'Pisang Raja'.



Local Name: Papagraun
Classification: ABB

Notes:

Name means “land owner” because the plant will grow for very long time in a garden. Very large and robust plant. ITC0803/PNG148 ‘Kandrian’/ITC0795/PNG131 ‘Daru’.



Local Name: Kalapua

Classification: ABB Kalapua

Notes:

ITC0812/PNG171 'Kalapua (Dwarf)'. Short, stocky plant.



Local Name: Kalapua

Classification: ABB Kalapua

Notes:

Known in NARI collection as 'White Kalapua'.



Local Name: Kalapua
Classification: ABB Kalapua

Notes:
Round bud, rounded fruit apex, and waxy fruit.



Local Name: Yawa

Classification: ABB Pisang Awak

Notes:

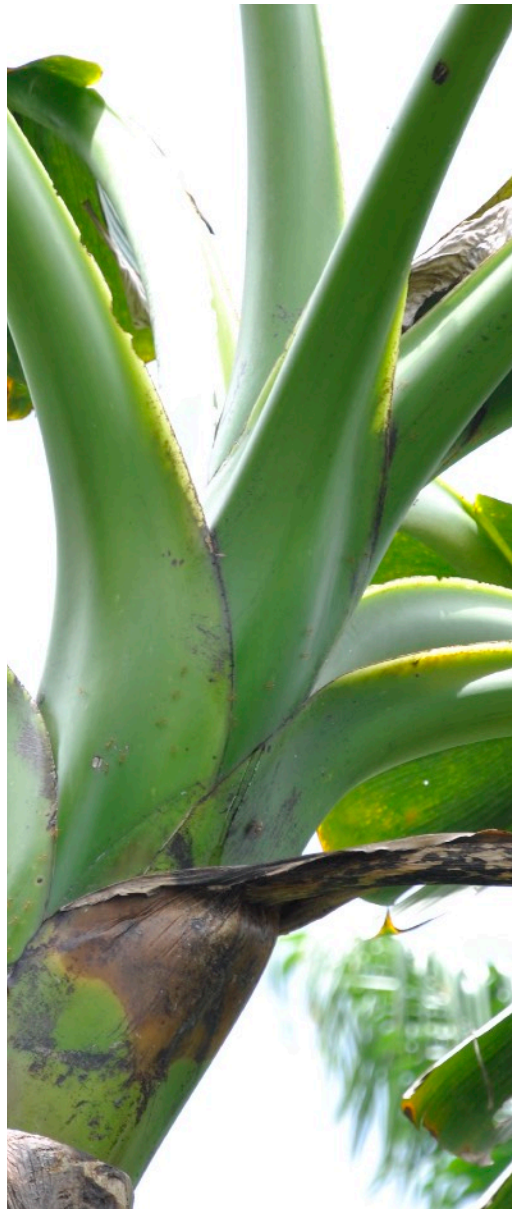
Nearly normal Pisang Awak type but with extra long peduncle. All Pisang Awak observed in the area showed this trait.



Local Name: Bukayawa
Classification: 4x Pisang Awak-like

Notes:

Similar to AROB027 'Buka', but taller plant and with a distinct curve in inflorescence. Very large and robust plant. Fruit similar to classic Pisang Awak but with a moister texture.

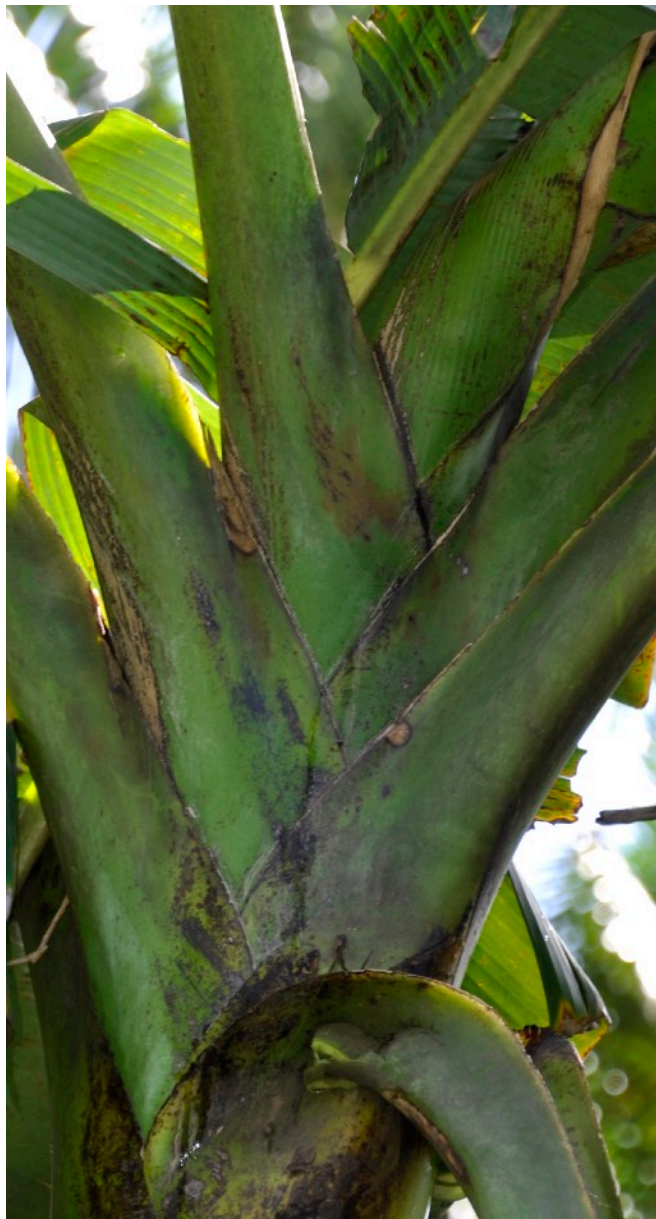


Local Name: unknown

Classification: 4x ABBT? Kalapua-like

Notes:

ITC0855/PNG241 'Bengani'. Very large and robust plant.



Local Name: unknown
Classification: FHIA-25



Local Name: unknown
Classification: unknown

Notes:

Likely same as AROB001 'Flower Banana'.
Red/green variegated leaves. Similar to 'Siam Ruby' available in the horticultural industry.

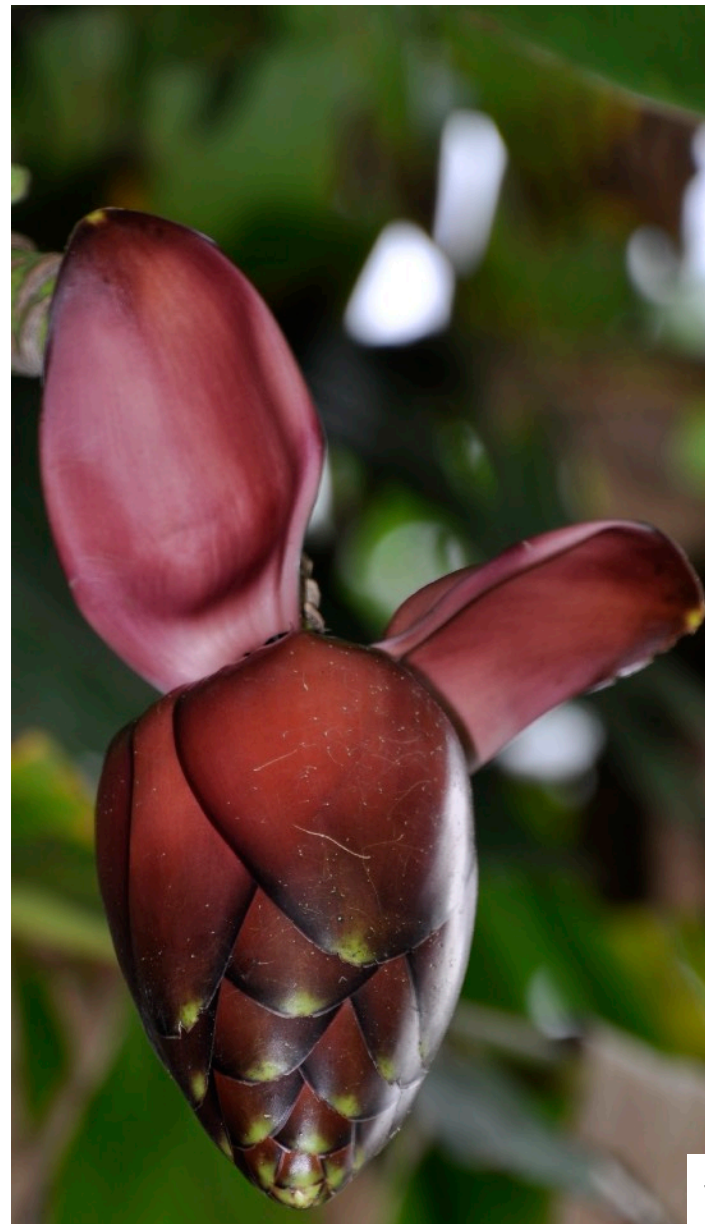
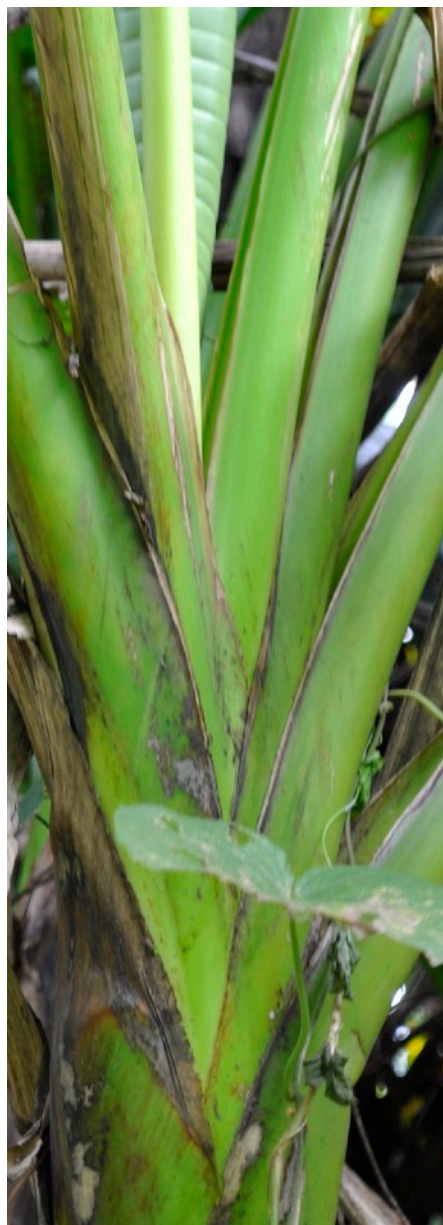


Local Name: Abaca

Classification: *Musa textilis*

Notes:

Naturalized in some roadside locations.
Introduced by a development project in the
past to explore commercial production.



Local Name: Flower Banana
Classification: *Musa coccinea*

Notes:
Planted in gardens as an ornamental.



Local Name: unknown

Classification: *Ensete glaucum*

Notes:

Said to be planted in gardens as an ornamental. No known use, wild status unclear.



Index

Collected Specimens

NAME	CLASSIFICATION	CODE	PAGE
Highlands Banana	AA	WNB002	6
Gwambu	AA	WNB003	7
Pougala 1	AA	WNB006	8
Pougala 2	AA	WNB007	9
Ain Banana	AA	WNB009	10
Goroka	AA	WNB010	11
Kiau Kiau White	AA	WNB011	12
Oporusi	AA	WNB012	13
Ubai 2	AA	WNB015	14
Gneing	AA	WNB017	15
Tuli	AA	WNB019	16
Morobe Banana	AA	WNB020	17
Moloung	AA	WNB021	18
Mining Junction 1	AA	WNB024	19
Mining Junction 2	AA	WNB025	20
Tepori Won	AA	WNB026	21
Mining Junction 3	AA	WNB027	22
Moking	AA	WNB028	23
Mapalepa	AA	WNB029	24
Lop	AA	WNB030	25
Mining Junction 4	AA	WNB031	26
Mostalulu Red	AA	WNB035	27
Lakiso 1	AA	WNB036	28
Valoka 1	AA	WNB039	29
Valoka 2	AA	WNB041	30

Collected Specimens

NAME	CLASSIFICATION	CODE	PAGE
Maia	AA	WNB042	31
Lae Banana	AA	WNB044	32
Tamaneburo	AA	WNB045	33
Green Sausage	AA	WNB046	34
Bola 1	AA	WNB047	35
Bola 2	AA	WNB048	36
Tui	AA	WNB050	37
Mirihe	AA	WNB051	38
Kovole	AA	WNB052	39
Mea PK Long	AA	WNB054	40
Misis	AA	WNB055	41
Puri Kansa	AA	WNB056	42
Kapore Section 5	AA	WNB057	43
Sarakolok 1	AA	WNB059	44
Sarakolok 2	AA	WNB060	45
Pagal	AA	WNB063	46
Sanap	AA	WNB064	47
Mea	AA	WNB065	48
Genesis Haven	AA	WNB066	49
Kapore Section 2	AA Sucrier	WNB072	50
Sepik	AA or AAA	WNB022	51
Long	AAA	WNB018	52
PK	AAA	WNB038	53
Mau Banana	AAB	WNB001	54
Mesi Riringa	AAB Iholena?	WNB023	55

Index

Collected Specimens

NAME	CLASSIFICATION	CODE	PAGE
Balabolo 1	AAB Iholena-like	WNB032	56
Butu	AAB Maoli-Popo'ulu	WNB069	57
Lavugi	AAB Maoli-Popo'ulu	WNB043	58
Komo	AAB	WNB061	59
Ruango Block	AAB	WNB070	60
Shorty	AAB	WNB068	61
Wan Gevi	AAB	WNB040	62
Buka Kiakiau	AAB	WNB049	63
Ubai 1	AAB	WNB014	64
Dwarf Yawa	ABB Pisang Awak	WNB053	65
White Tukuran	ABB Kalapua	WNB058	66
Tukuran Round	ABB Kalapua	WNB071	67
Lakiso 2	AS	WNB037	68
Lolu	Fe'i	WNB005	69
Wore	Fe'i	WNB008	70
Apap	Fe'i	WNB016	71
Kapiak	Fe'i	WNB033	72
Wel Banana	<i>M. acuminata</i> subsp. <i>banksii</i>	WNB004	73
<i>Musa maclayi</i> 1	<i>Musa maclayi</i>	WNB013	74
Flower Banana	unknown	WNB034	75
Hill Top	unknown	WNB062	76
Purple Banana	unknown	WNB067	77

Non-Collected Specimens

NAME	CLASSIFICATION	PAGE
5-Minute (green bud)	AA	79
5-minute (red bud)	AA	80
(unknown)	AA ITC1243/PNG030 'Kokopo 1'	81
Karnakau	AA AROB035 'Talasea'	82
(unknown)	AA	83
(unknown)	AA ITC0827/PNG203 'Kerua'?	84
(unknown)	AA ITC0904/PNG301 'Papat Wung'	85
Lis	AA ITC0796/PNG132 'Kirkirnan'	86
(unknown)	AA AROB042 'Asi'	87
(unknown)	AA ITC1000/PNG168 'Gunih'	88
(unknown)	AA ITC0996/PNG161 'Manameg (Red)'.	89
Mau	AA Pisang Jari Buaya	90
(unknown)	AA ITC0595/PNG028 'Pagatau'	91
(unknown)	AA	92
Kekiau	AA	93
(unknown)	AA or AAA AROB015 'Laguai'?	94
(unknown)	AAA AROB024 'Seven Kina'?	95
(unknown)	AAA Cavendish 'Dwarf Cavendish'	96
Mau	AAA Gros Michel	97
(unknown)	AAA ITC0844/PNG204 'Kumbak'	98
Red Sasis	AAA Red	99

Index

Non-Collected Specimens

NAME	CLASSIFICATION	PAGE
(unknown)	AAA Red 'Green Red'	100
(unknown)	AAB ITC0831/PNG207 'Rukumamb'?	101
(unknown)	AAB Iholena 'Sepik Red' (NARI)	102
Yoasul	AAB Iholena ITC0825/PNG196 'Uzakan'?	103
Gevi Lua	AAB Plantain, Horn-type	104
(unknown)	AAB Laknau	105
(unknown)	AAB Laknau	106
Mau	AAB ITC0940/PNG347 'Boung Fu'?	107
Mau	AAB Mysore	108
Kokorum	AAB Silk	109
Tukuru	AAB ITC0983/PNG034 'Auko'	110
Katkatur	AAB Pisang Raja?	111
(unknown)	AAB Pisang Raja	112
Papagroun	ABB ITC0803/PNG148 'Kandrian'	113
Kalapua	ABB ITC0812/PNG171 'Kalapua (Dwarf)'	114
Kalapua	ABB Kalapua 'White Kalapua' (NARI)	115
Kalapua	ABB Kalapua	116
Yawa	ABB Pisang Awak	117
Bukayawa	4x Pisang Awak-like	118
(unknown)	4x ITC0855/PNG241 'Bengani'	119
(unknown)	AAA 'FHIA-25'	120
(unknown)	AROB001 'Flower Banana'	121

NAME	CLASSIFICATION	PAGE
Abaca	<i>Musa textilis</i>	122
Flower Banana	<i>Musa coccinea</i>	123
(unknown)	<i>Ensete glaucum</i>	124