

General food
plants
SWA
BOTSWANA
MAKAPANGAT

EDIBLE PLANTS.

V. W. A.
BOTSWANA
MAKAPANGAT



R. M. G.
1980

Brian Maguire
University of the Witwatersrand.

May 1980.

B. P. I. PALAEONTOLOGY
UNIV. OF THE WITWATERSRAND
JOHANNESBURG.

PLANT FOODS OF

!KHÜ (S.W.A.), !KÖ (BOTSWANA)
& EDIBLE PLANTS OF MAKAPANGAT (N.TVL) *

Also nectars & gums.

ALPHAB. pp. 1-145

KALAHARI PLANT FOODS

OF OTHER AUTHORS

pp. 168-

(SEE ALSO p. 182) 184, Edible African plants
ref. to by Quin (1959)

Recent, fairly widely accepted changes:-

GRAMINEAE = POACEAE

LEGUMINOSAE = FABACEAE

& sub-fam:
 { Mimosaceae = Mimosoideae
 Caesalpiniaceae = Caesalpinoideae
 Papilionaceae = Papilionoideae

LABIATAE = LAMIACEAE

CAPPARIDACEAE = CAPPARACEAE

ASCLEPIADACEAE → Tribe split off as sep. family
PERIPLOCACEAE

COMPOSITA - ASTERACEAE

* INCLUDES (FOR MAKAPANGAT AREA) A NUMBER
OF SUGGESTED (PROBABLE) FOODS... which are
queried... & as reflected in 1974 & 1981 LISTS.

EXTRA inserted pages 115C, 115E

SWA

.... occurs in South West Africa *

BOT.

.... occurs in Botswana *

MAK. 10

.... occ. within 10 km. radius

20

20 km. radius

MAK - 2

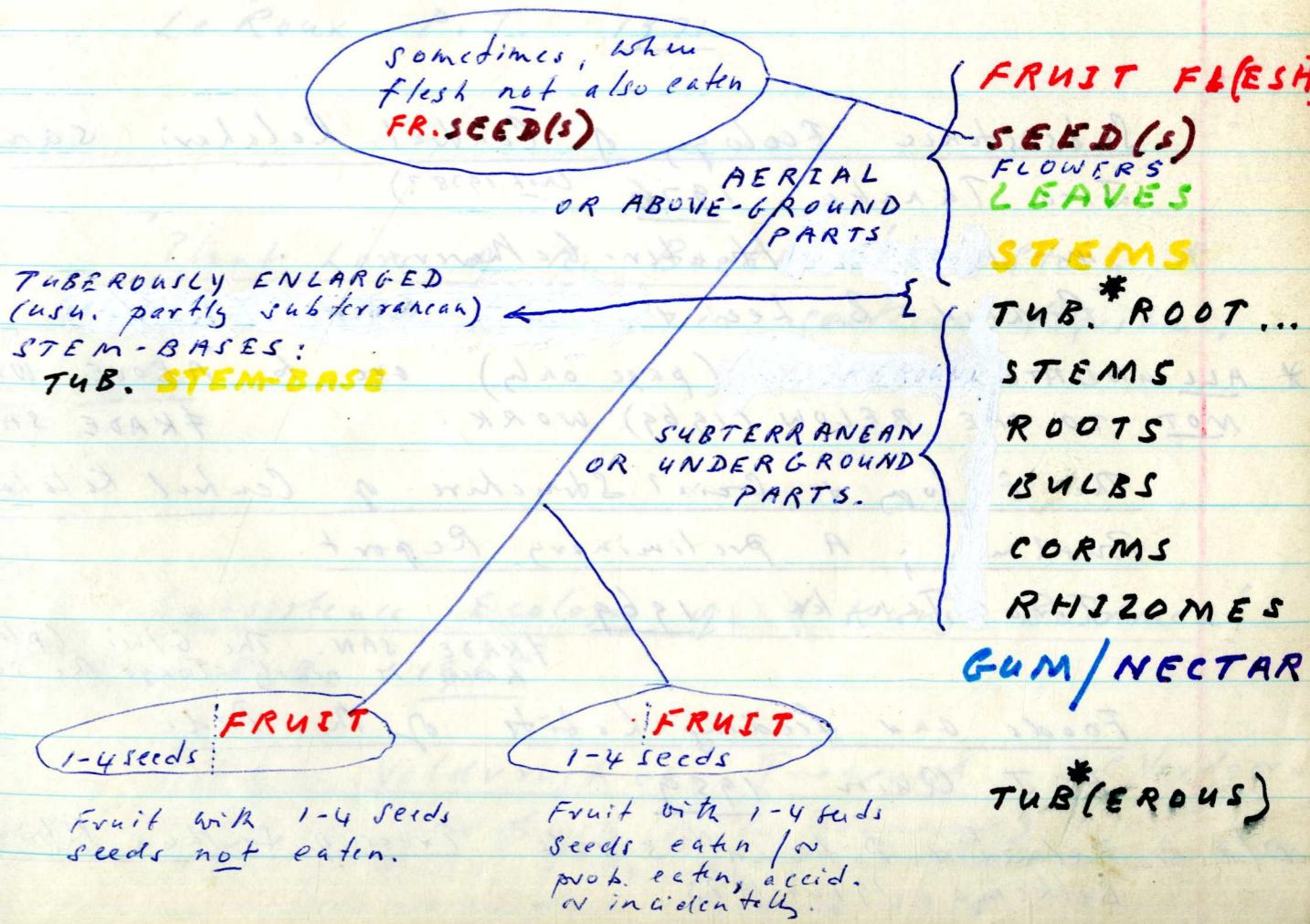
only occurs within
10-20 m. rad. of M.

of Makapangat
Lime works.

[* Kalahari]
areas

(A)

Alien - introduced
and naturalised.



CK Central Kalahari CKT Central Kalahari - Tanaka

SWA Recorded & observed by BM as food plant of SWA
^{num}
^{num}
(SWA) " by other authors. " " " "

BOT. Recorded & observed by BM as food plant of Botswana

(BOT) " by other authors for !Kö + adjacent areas.

(BOT) " " " " Northern Botswana
sometimes Central.

BOT - Poss. occurs (as food plant) in Botswana

? (esp. !Kö + adjacent areas.)

With reference to part eaten (in block letters): -

FRUIT FL. LEAVES ... edibility well documented.

FRUIT FL. ? LEAVES ? ... v. prob. eaten edible; based on knowledge of closely allied spp. ... etc.

FRUIT FL. (?) LEAVES (?) with little/no doubt, edible.

(FRUIT FL.) ... (LEAVES) edibility reported by other authors.

Report to the Government of Bechuanaland on the Bushman Survey

George B. Silberbauer 1965.

A23.37 TINRA

Subsistence Ecology of Central Kalahari San.

Jiro Tanaka 1976 (not 1978?)

in Kalahari Hunter-Gatherers

Richard B. Lee & Irven DeVore

* ALL UNDATED REFS. (page only) are to ABOVE WORK
NOT TO THE BELOW (1969) WORK.

FKADE SAN

The Ecology & Social Structure of Central Kalahari Bushmen; A Preliminary Report.

Jiro Tanaka 1969.

FKADE SAN. The G/wi (plant)
name is nearly always the same.

Foods and Feeding Habits of the Pedi

P. J. Quinn 1959

P/P. → Palmer & Pitman 3 vols. Trees of Southern Africa
Balkema 1972 & 1973

REFS.

Frequent refs. (esp. spelling of names) are made to Marshall and Story (page no.). These are:

1. 'Some plants used by the Bushmen in obtaining Food and Water'. Story, R. 1958.

2. The !Kung of Nyae Nyae
Marshall 1976

AC 80:

'The common names and a few cases of the better known indigenous plants of South West Africa'

Le Roux P. J. 1971.

1. Plant Lore of the Bushmen. Story, R. in Ecological Studies in South Africa, 1964

2. Subsistence Ecology of !Kung Bushmen. Lee R. B. 1965

Eetbare Veldvrugte van Transvaal I. C. Vorwoerd

(= Edible wild fruits of the Transvaal)

Dept. of Afric. & Forestry Plant & Wild Reefs no 29.
Staatsdrukker Pretoria 1939.

LEGUMINOSAE

FABACEAE

Subfam. MIMOSOIDEAE

Coraia Kolahari - Tanaka

Acacia albida P.P. 237: ± 30 km. NW. of Mak.
Pods eaten by Topi or Hottentots as are the boiled & skinned seeds.*Acacia ataxacantha* DC. Nels. ex B.A. 201 MN 232

= A. dulcis Mart. ex Eng. 3A 32 R 8 A 7

3A 32 S 201 MN 232 R 8 A 7

SWA

num

BOT

MAK

10 8

20

Raw

GUM

LEGUMINOSAE

MIMOSOIDEAE

LEGUMINOSAE

MIMOSOIDEAE

LEGUMINOSAE

MIMOSOIDEAE

//ka , //a:

BM 2315 : FSA 16/1-48

//hani or //gani
//klasni

SI

BI

MI

SWA

num

BOT

MAK

10 8

20

Raw

GUM

L2 *Acacia burkei* Benth.

M2 MAK. 10 (8?)

20

Raw

GUM (?)

L3 *Acacia caffra* (Thunb.) Willd.

M3 MAK. 10 8

20

Raw

GUM (?)

L4 *Acacia erioloba* E. Mey.

SWA

num

BOT

MAK

10 (8?)

20

Raw

GUM

LEGUMINOSAE

FABACEAE

Subfam. MIMOSOIDEAE

Thabzimbi

Pta. near Flinck's Drift on Achards River flats
Pilgrims Rest: Olifants River bridge, Acornhoek-Leydsdorp rd.

LEGUMINOSAE

MIMOSOIDEAE

gfa:li , gfa:li

(?) (MND)

LEGUMINOSAE

MIMOSOIDEAE

LEGUMINOSAE

MIMOSOIDEAE

gfa: , gfa:a:

Nylstroom, Bandelievkop.

Acacia erubescens Welw. ex Oliv. (MN) 36

= A. dulcis Mart. & Engl.

SWA
mn
BOT.

Raw

GUM

Acacia fleckii Schinz

SWA
mn
BOT.

Raw

GUM

Acacia gerrardii Benth. var. gerrardii

MAK. 10 8

20

Raw

Raw

(GUM) (?)

Acacia hebeclada DC. subsp. hebeclada

Roasted ? 4-12-(20) cm
Raw x 1,3-3- cm.

L.R. p. 69 (FR. - SEEDS)

BOT.

Raw

Raw

GUM

LEGUMINOSAE *Acacia* *2000m* *SWA*
 FABACEAE
 subfam. MIMOSOIDEAE
 Non-kalahari even? Q SWA.

LEGUMINOSAE *Acacia* *2000m* *SWA*
 MIMOSOIDEAE

!gola , !olali *SWA* *TOP*
 LEGUMINOSAE *Acacia* *2000m* *SWA*
 MIMOSOIDEAE

//kha: , //ha: *SWA* *SWA*
 () (MND)

LEGUMINOSAE *Acacia* *2000m* *SWA*
 MIMOSOIDEAE

/khadi , /hali *SWA* *TOP*
 /xali *SWA*

Acacia Karroo Hayne *3000m* *SWA*
SWA *TOP*

MAK. - 10 Raw *GUM* ?
 20 Raw *GUM*

Acacia luederitzii Engl. var. luederitzii Brenan *SWA* *TOP*

S.W.A.
BOT. *TOP* *GUM* ?
 MAK. - *A. luederitzii* Engl. var. refinens (Sim) J.H Ross & *GUM*
 - is swollen-spined form * *Raw*

* Naboomspruit - Zebedielka
 ± 40 km S of makopanset
Acacia mellifera (Vahl.) Benth. *SWA* *TOP*
 subsp. refinens (Burch.) Brenan *GUM*

S.W.A.
BOT. *TOP* *GUM* ?
 MAK. - *Polygalacantha* Willd *SWA* *TOP*
 - subsp. *campylacantha* (Guss.) Benth. *Raw* *GUM* ?

± 70 km. to WSW. & south also ± 30 km " in Noorddrift? - Ross!!
Acacia nebrownii Burtt Davy *SWA* *TOP*

S.W.A.
BOT. *TOP* *GUM* ?
Acacia schumanniana Schinz *SWA* *TOP*
SWA *TOP* *Raw* *GUM* ?

LEGUMINOSAE

FABACEAE

Sub fam. MIMOSOIDEAE

Non-kalhari areas of SWA

(MND)

LEGUMINOSAE

MIMOSOIDEAE

Non-Kalahari areas of S.W.A.

A.W.L

- 700

LEGUMINOSAE

MIMOSOIDEAE

LEGUMINOSAE

MIMOSACEAE

(MND)

LEGUMINOSAE (MIMOSACEAE) MIMOSOIDEAE

LEGUMINOSAE

MIMOSACEAE

(MND)

A.W.L

- 700

Achyranthes caprea
Acanthaceae M 10

Acacia nigrescens, Oliv.

subsp. robusta

FRUIT FL. GUM

S.W.A.
MNM

MAK. -

? 20+

Acacia nilotica (L.) Willd. ex Del.

subsp. kraussiana (Benth.) Brenan

FRUIT FL. GUM

- Lee (1908) as A heteracantha

MAK. 10

20

Raw. GUM

Acacia permixta Burtt Davy

6-9 cm

MAK. 10? Raw or roast.

20 (Roast) starchy

GUM

Acacia ? polyacantha Willd.

subsp. campylacantha (Hochst. ex A. Rich.) Brenan

S.W.A.
MNM

BOT? nr. Gaborone. FRUIT FL. GUM

A. reficiens? Mostly to W of Kalahari proper?

Acacia rehmanniana Schinz

MAK. 10

20

GUM

LEGUMINOSAE

FABACEAE

Subfam. MIMOSOIDEAE

(MND)

WAG

SWA

LEGUMINOSAE

MIMOSOIDEAE

Nama Pan (Story)

Nama Pan (Story)

EUPHORB.

CUCURBITACEAE

- /kən to ± /klān
or /hain

Klippan - Meave (p.56)

BOMBACACEAE

fm or fum

Leaves of glabrous-ld forms
used as spinach

Dalz.

MND

Achyranthes aspera
AMARANTHACEAE M¹⁰₂₀

Acacia robusta Burch.

subsp. robusta

MAK. 10

20

Raw

GUM?

Acacia tortilis (Forsk.) Hayne

subsp. heteracantha (Burch.) Breckan

SWA.

BOT. - Lee (p.68) as A. heteracantha.

MAK. 10

20

Raw (or Boiled) Baum (p.79);
Boiled Baum (p.79)

Acalypha glabrata

Raw. Edible plant

GUM

(LEAVES)

Acanthosicyos haudiniana (Sond.) C. Jeffrey

6-9 cm.

6,5-15 cm

FRUIT FL.

Raw or roast.

(Roast) story

(MAK.) -

∞ (SEEDS)

Not by 'Kō
of Takat.!

- Raw

Warmbatsh - Pichaars, R.
Nyistroom - Naboombospruit?
Boekenhout? - 65 km. SSW of Matapan.

Adansonia digitata L.

10-20 cm

x 6,5-11 cm

FRUIT FL.

Raw or boiled

BOT. (NORTH) Roast.

∞ (SEEDS)

Prob. LEAVES?

prob. FLOWERS?

Drummond's 'Bushveld form'

± 150 W-NW of Potgietersrus.

LEAVES?

(A)

AMARANTHACEAE

CAPRIFOLAE

P 184!

stems -

stems -

wanam or yfou
(rarely eaten)

(MN)

MN

MN

LEGUMINOSAE (A) (2632) 21/10/2002

UMBELLIFERAE

Quin

stems - (MN) - T08

MN

MN

MN

stems -

CARYOPHYLLACEAE (2632) 21/10/2002

LILIACEAE

J7 TEN 97 MN 021-21

(2632) MN

MN

MN - (MN)

MN - (MN)

BOMBRACACEAE (2632) 21/10/2002

LILIACEAE

J7 TEN 97 MN 021-25

(2632) MN

MN

MN - (MN)

MN - (MN)

Amaranthaceae (2632) 21/10/2002

Aerva leucura Moq.

S. W. A.

BOT:

MAK. 10

20

Raw? or boiled.

(Boiled by Moraywa
nr. Kasane)

LEAVES

fresh FLOWERS

Alepidea amatymbica

MAK. 10

20

Raw ? Boiled

Bryant (1907 p.3)
Zulu edible plants.
- Alepidea sp.

LEAVES

FLOWERS?

Aloe aculeata Pole Evans

MAK. 10

20

Raw

Raw

prob. LEAVES?

prob. FLOWERS?

prob. LEAVES?

prob. FLOWERS?

MAK. 10

20

Raw

Raw

prob. LEAVES?

prob. FLOWERS?

Aloe davyana Schonl.

MAK. 10

20

Raw

Raw

prob. LEAVES?

prob. FLOWERS?

LILIACEAE

NAME: *Aspidium revolutum*

NAME: *Aspidium revolutum*
 Native to South Africa
 Boiled or raw (rarely eaten)
 (native name)
 (native name)

LILIACEAE

NAME: *Aspidium revolutum*

NAME:

NAME: *Aspidium revolutum*
 (Native name)
 (Native name)
 (Native name)

LILIACEAE

NAME: *Aspidium revolutum*NAME: *Aspidium revolutum*

LILIACEAE

NAME: *Aspidium revolutum*NAME: *Aspidium revolutum*

LILIACEAE

NAME: *Aspidium revolutum*

Story (1958, p. 15) 'Nama Pan and Bam' 'rocky outcrops' 'Fls.
 stripped off the fls. stalk & pounded to make a spinach-like vegetable.'

Aloe dolomitica Groenewald

MAK. 10

20

Raw

prob. LEAVES?

prob. FLOWERS

NECTAR

NECTAR

Aloe marlothii Berger

MAK. 10

20

Raw

prob. LEAVES?

prob. FLOWERS?

(NECTAR)

Aloe mutabilis Pillans Evans

MAK. 10

20

Raw

prob. LEAVES?

prob. FLOWERS?

(FLOWERS?)

Aloe pretoriensis Pole Evans

MAK. 10?

20

Raw

prob. LEAVES?

prob. FLOWERS?

(FLOWERS?)

Aloe rubrolutea Schinz

S.W.A.

mmmm

Raw

(LEAVES?)

Story (p. 15)

(FLOWERS)

LILIACEAE

234A33 dark
293W037 long

RATZEN

LILIACEAE

234A33 long
293W037 long
✓(RATZEN)

LILIACEAE

234A33 long
293W037 long

LILIACEAE

smallig zizidatum salt

As 'A. Baumii Engl. & Gilg': "The Kaffirs of Hembo on the Kunene River in the West, make cakes of the flowers of A. Baumii. They boil and press the flowers for this purpose, but we are not told whether Europeans relish the said cakes" - Bot. Mag. t9748 (1904) in Ac Aloes 2 SA - G.W.R. 1950 p. 285
Story 16 Bushmen stated "leaves were a good source of water"
Story 16 W.B. Hooker (Reynolds 1950, 285) "flowers may be eaten after boiling"
Taneke 117.

(293Quin (pp 61, 62) 24) ent

WATER OR HAM OS

WATER

OR HAM

OS

Aloe sessiliflora Pole Evans JASANTHARAMA

MAK. - Boiled. Raw
20

(12+) cm
prob. LEAVES?
prob. FLOWERS?

NECTAR

Aloe verecunda Pole Evans

MAK. 10 Raw
20

4-6 seeds
prob. LEAVES?
prob. FLOWERS?

Aloe wickensichella Pole Evans JASANTHARAMA

MAK. 10 Raw
20 Raw

2,5-3,8 cm
prob. LEAVES?
prob. FLOWERS?

Aloe zehrina Bak.

S. W. A. Raw

BOT. - //su LEAVES Story p.15 LEAVES

//su (FLOWERS)
Alternanthera repens A (ref. Q. 62. A. sessilis) LEAVES?

MAK. 10
20 Amaranthus spinosus L.

MAK. 10 Boiled.
20

LEAVES

AMARANTHACEAE 2223 9/09 20/11/22 50 ft

Quin (p. 61)

p. 182 (Natal)

WAG

21. XAM

OS

2223

RUBIACEAE

2223 9/09 20/11/22 50 ft

?
figuri

WAG

21. XAM

OS

ANNONACEAE

2223 9/09 20/11/22 50 ft

Story 1964 p. 91. as. A. nana

WAG

21. XAM

OS

As "A. nana" (Fitch & Gómez), The knife-leaf Herbs in the ANNONACEAE
make like a lotus leaf. It is a common name in
the area.

GRAMINEAE

POACEAE

AMARANTHACEAE

Amaranthus thunbergii Moq.

(A)

MAK. 10 Boiled.

20

Roasted

LEAVES

CORM

Ancylanthos bainesii Hiern

S.W.A. (NAT) Raw. 3.8-5.9 cm x 1.8-2.5 cm FRUIT FL.
1.2-1.8 cm

4-6 seeds

Roast Seeds 4-12 1.4-1.5 cm. F. SEEDS
L.R. (p. 11) roots
scrubbed in fire
BARK CATH

Annona stenophylla Engl. & Diels subsp. nana (Exell) N. Robson

Raw 0.7-1.0 cm FRUIT FL.

or roasted or boiled when green. 00 seeds

20

Anthephora pubescens Nees

SWA Raw FRUIT - GRAIN
BOT or boiled

MAK. ?

Raw 2-3.3 cm FRUIT FL.
1-2 seeds

IRIDACEAE (CAPE) arist. impatiens zuluansia

Qan (q. 61)

✓ 182 (Natal)

f'gwa

(tu fowa)

231A33

hollo8 01. KAM

05

LEGUMINOSAE

arist. zuluansia zuluansia

FABACEAE

✓ 182 (fem.) CAESALPINIOIDEAE fum f'kwa
✓ 2332 J-H ikan, fin

RHAMNACEAE zuluansia zuluansia

✓ 2332 Karanc Rm 1963 mosarwa'

TINNA MA 28-29

✓ 2332 2332 20 zuluansia zuluansia ✓ 20

SAPOTACEAE

✓ 2332 2332 20 zuluansia zuluansia

POACEAE

WINDA - TINA

WAD

hollo8

AWL

TOP

KAM

Babiana hypogea Burch.

BOT.

MAK. 10

Boiled

20

Roasted

CORN

Bauhinia petersiana Bolle

✓ 2332 & J. H. Ross

subsp. serpae (Fical. & Hiern) Brummitt

S. N. A.

BOT

MAK. 70

Seeds 4-12
Roast Boiled 1,0-1,5 cm.

F. SEEDS

20

Le R. (p. 71) roots
scorched in fire &
bark eaten.

(BARK OF ROOTS)

Berchemia zeyheri (Sond.) Grubov

✓ 2332 0,7-1,0 cm FRUIT FL.

Raw.

X 0,3-0,5 cm.

MAK. 10

Boiled seed.

20

Begonia magalismontana (Sond.) Hemsl.

✓ 2332 1,0-1,8 cm FRUIT FL.

Raw.

2-3,3 cm FRUIT FL.

MAK. 10

1-(2) seeds

20

COMPOSITAE

ASTERACEAE

gara (the fruit) TOP

01. NAM

OS

M903

COMPOSITAE

ASTERACEAE (?) 20002 . 42332

Subfam. CAESALPINIOIDEAE fruit TOP

Bot. TOP Mak. TOP TOP

20002 . A 51-8 20002 42332 01. NAM

OS

(20002 to 778)

Bot. (TOP), A, 2
part of fruit

part of fruit

COMPOSITAE (.baol) leaves stems TOP

ASTERACEAE leaves stems TOP

TOP TOP TOP TOP TOP

20002 . A 51-8 20002 01. NAM

OS

part of fruit

part of fruit

CAPPARACEAE leaves stems TOP

TOP TOP TOP TOP TOP

20002 . A 51-8 20002 01. NAM

OS

part of fruit

part of fruit

20002 . A 51-8 20002 01. NAM

OS

part of fruit

20002 . A 51-8 20002 01. NAM

OS

part of fruit

20002 . A 51-8 20002 01. NAM

OS

Bidens bipinnata L.

calyx TOP

(A)

3A33RAA99A9

MAK. 10

Boiled

20

Boiled

1,0 - 1,5 cm FRUIT FL.

LEAVES

Bidens pilosa erecta Bok.

(A)

3A33RAA99A9

MAK. 10

Boiled

20

Boiled

LEAVES

Bidens schimperi (Salter)

(A)

3A33RAA99A9

MAK. 10

Boiled

20

Boiled

TUB. ROOT

at Takat. 2,5 - 6 cm

Boscia albitrunca (Burch.) Gilg & Ben.

Raw

1,0 - 1,8 cm FRUIT FL.

SWA

Raw

1,0 - 1,8 cm FRUIT FL.

BOT

Raw

1-(4?) seeds

MAK. 10 ?

Raw

rarely

20

Raw

? ROOT

Roots dried + beaten

20

Roots dried + beaten

P & P. 231-2

20

Roots dried + beaten

CAPPARACEAE

Eastern parts of Botswana

Bot. obs.

of KAM

OS

ASCLEPIADACEAE

y/ama

Bot. obs.

of KAM

OS

ASCLEPIADACEAE

dzaka, dzaka

Bot. obs.

of KAM

OS

Pienaars River area, R. A. Dyer !!

ASCLEPIADACEAE (ASPID)

odumtsana or odzuntsana

Bot. obs.

of KAM

OS

TUB. ROOT

Boscia foetida Schinzsubsp. *rehmanniana* (Pest.) Toeken

BOT - EAST.

Raw.

1,0 - 1,5 CM FRUIT FL.

MAK. - ?

20"

1-(?) seeds

rarely

Burkea africana
(swa)
TUB.*Brachystelma hahniotii* Bak.

Stapelia vag. N. E. Bot.

20 64 M

BOT.Raw
at Takat. 2,5 - 6 CM

TUB. ROOT

Brachystelma cupatum (L.) Benth.BOT. (not mentioned) Mak
or raw (salad)± 160 km. Raw at Takat.
SSW 3 - 6 + CM.

TUB. ROOT

Brachystelma dinteri N. Schltr.

P. W. A.

BOT. ?

Roasted

Hammanskraal Roasted

R. A. D.

± 180 km SSW - Raw? x two-thirds

TUB. ROOT

Bridelia mollis Hutch. (SCHIMA) ~~FRUIT~~ ~~LEAVES~~

MNK. 10 ? Raw ± 1 cm FRUIT FL.
20 Boiled as Yam 2-lobed?
Palgrave 414 E.P. PHK:
fruity, capsular
@ tube un.
1-seeded.

Burkea africana
(SWA)
(BOT.)

[Caralluma ? hahnii R. Br.]
= Stapelia vasa N.E. Br.]

MNK. 10 GUM

Caralluma knobelii (Phil.) Phil. ~~FRUIT~~ ~~LEAVES~~

BOT. Roasted
or raw (salads)

Carissa bispinosa (L.) Desf. ex Benth.
var. angulata Codd

STEMS

MNK. 10 Raw 1-2 cm FRUIT FL.
20 1-2 seeds
(-2?)

Caralluma lugardae N.E. Br. ~~FRUIT~~ ~~LEAVES~~

BOT. Raw 1.5-2.0 cm FRUIT FL.
MNK. 10 Raw ? 1 seed
Roasted (occ.-2)

STEMS

LEGUMINOSAE
CAESALPINIOIDEAE

[ASCLEPIADACEAE] ~~FRUIT~~ ~~LEAVES~~

ASCLEPIADACEAE ~~FRUIT~~ ~~LEAVES~~

f kam f kali dia fam fali

Pioneer River area, R.A. Dyer

MNK. 8NT Boiled in water and eaten
MS 2-2.5 very

ASCLEPIADACEAE ~~FRUIT~~ ~~LEAVES~~

Iai //goku

MS 2-2.5 Boiled in water
and eaten SWA

ASCLEPIADACEAE

[*Asclepiadaceae*] (indistinct small area)

INDISTINCT
small area
in KAR.
Mak. 10
20

LEGUMINOSAE
CAESALPINIOIDAE[*ASCLEPIADACEAE*]

[*Asclepiadaceae*] (indistinct small area)
Mak. 10
20

AW2

(was ro) last 2009

ASCLEPIADACEAE

[*Asclepiadaceae*] (indistinct small area)

INDISTINCT
small area
(was ro) last 2009

APOCYNACEAE

CELASTRACEAE

Lat. Name

Indistinct

T02

Caralluma melanantha (Schltr.) N.E.Br.

Raw 0.6-0.8 cm. FRUIT FL.
1 seed

MAK. 10 would be
20 Roasted
as C. Kaodelir?

STEMS?

[*Caralluma nebrownii* Berger]
= *Stapelia vaga* N.E.Br.

INDISTINCT 1.8-2.3 cm
Bark thick & mate, skin thick & smooth, FRUIT FL.
stems thick & mate, skin thick & mate

? *Caralluma* sp. plata N.E. 3A33R8A5C312ALone Tree
Not eaten?
(STEMS?)

BOT. ? STEMS?

MAK. Raw?
Carissa bispinosa (L.) Desf. ex Brehm
var. *bispinosa* Codd

MAK. 10 Raw 0.9-1.3 cm FRUIT FL.
20 1-2 seeds (-3??)

Cassine transvaalensis (Burtt Davy) Codd

Raw 1.5-2.0 cm. FRUIT FL.
1 seed
MAK. 10 Raw? (occ.-2)

20

ULMACEAE (part 2) SHABABIAH small tree

shrub
small tree
various
various
various
various

EUPHORBIACEAE (part 2) small tree

or f? =
/kadiküzü, /kadikürüzi
Various: yam f kudika, yam f kalika,
yam f kanika, yam f xanika

ASCLEPIADACEAE (part 2) small tree

APOCYNACEAE (part 2) small tree

ASCLEPIADACEAE (part 2) small tree

various
various
various
various

Celtis africana Burm. f. 383A83332A

S. W. A. Raw 0,6-0,8 cm. FRUIT FL.
BOT. MNG. Natural 1 seed
MAK. 10
20 Roasted 5-10 cm TUB. ROOT
Raw (?) x 1,5 cm.

Cephalocroton mollis Pax 383A83332A

S. W. A. Raw 1,8-2,3 cm
BOT. MNG. Natural 3 seeds F. SEEDS
MAK. 10 Raw 0,6-0,8 cm.

Ceropogia ampliata N.E. Br. 383A83332A

ROT ? since!
MAK. Raw?
20 ?
30-90 cm x 1,0-1,8 cm ? TUB. ROOT

Ceropogia meyeri L. 383A83332A

Boiled LEAVES (?)
MAK. 10 Raw?
20 ?
? TUB. ROOT

ASCLEPIADACEAE

TENAG MT. 2,0 - 3,0

Hill

W) tkama (?)
Marshall Jama (p 109)

OY. XAM

OS

ASCLEPIADACEAE

MT. 2,5 - 3,5

2022-3 gum of, !guam, !guam
ng 2,0 - 3,0
gum of bark; stem branched

ASCLEPIADACEAE

Igonja

Swag

XAM

OS

(838NT)?

AMARANTHACEAE

ISYNA (holoscarp)

Swag

OY. XAM

OS

(838NT)?

Ceropogia pygmaea (L.) Schinz

S. W. A.

BOT. ?

MAK. 10

20

Roasted.

Raw (?)

1,2 - 1,6 cm FRUIT FL.

x 1,5 - 2,0 cm.

seeds

5 - 10 cm. long TUB. ROOT

x 2,5 cm.

Ceropogia tentaculata N.E. Br.

BOT.

MAK. 10

Raw

Raw ? 1,0 - 1,3 cm FRUIT FL.

x 1,2 - 1,4 cm.

20

3 - 10 cm.

TUB. ROOT

x ± 2/3

? Ceropogia sp.Mak. (10) 20 cm. (22.9) and
is n. (20) Raw 10 - 20 cm. FRUIT FL.

BOT.

(MAK.) not

Boiled or raw ? SEEDS

Raw ?? escape or wild ?

30 - 90 - cm ?, ± TUB. THICK. ROOTS
x 1,0 - 1,8 cm ?Chenopodium bamarale (L.) Schinz

(A)

Raw

17 - 20 cm. FRUIT FL.

BOTAN

MAK. 10

20

Boiled

& Raw ?

SEEDS

LEAVES (?)

VITACEAE ~~DAKAR~~ ~~gamb.~~ ~~osmanthus~~ ~~sierrae~~

MS 01-2 ~~MS 2,5 X~~ ~~(?) WAT~~
MS 01-2 ~~MS 2,5 X~~ ~~(?) WAT~~

VITACEAE ~~DAKAR~~ ~~gamb.~~ ~~osmanthus~~ ~~sierrae~~

MS 01-2 ~~MS 2,5 X~~
MS 01-2 ~~MS 2,5 X~~

CUCURBITACEAE ~~DAKAR~~ ~~gamb.~~ ~~sierrae~~

Story (p. 48) - tra-ma Lc R. (p. 19) thama
fama

dam or famo

MS 01-2 ~~MS 2,5 X~~
MS 01-2 ~~MS 2,5 X~~

CUCURBITACEAE ~~DAKAR~~ ~~gamb.~~ ~~sierrae~~

daka

(Cissus oleraceus Bolus) = Cyphostemma oleraceum

Raw : 1,2 - 1,4 cm FRUIT FL.
Roasted x 1,5 - 2,0 cm.
seeds
Almost certainly eaten!

(Cissus woodii Gilg & Brandt) = Cyphostemma Woodii

Raw ? 1,0 - 1,3 cm FRUIT FL.
x 1,2 - 1,4 cm.

MAK. 10 Roasted LEAVES
20

Citrullus lanatus (Thunb.) Matsumura & Nakai
S. W. A. Raw 10-20 cm. FRUIT FL.

BOT. Roasted ∞ SEEDS

(MAK.) Not seen as escape or wild!!

Citrullus lanatus (Thunb.) Matsumura & Nakai daka

Raw 10-20 cm. FRUIT FL.
BOT. ∞ seeds
(A)?

CAPPARACEAE (20108 209300 20221)

J 2 TINRA MJ 8.1 - 8.0

MJ 8.5 - 9.1 X

20222

Unter Indien India

07. XAM.

08

CAPPARACEAE (Thurberia did. libanensis var.)

J 2 TINRA MJ 8.1 - 8.0

MJ 8.1 - 8.1 X

07. XAM.

08

CAPPARACEAE (dubt) intend. collartii

very (1/4) ? (A) MJ 8.1 - 8.0 (8.10) than

J 2 TINRA MJ 8.5 - 9.1 MJ 8.5 - 9.1 young fruit 1/2

20222 08 Roasted + tag 108

Unter Indien India (XAM)



CUCURBITACEAE (dubt) intend. collartii

Poss. form of C. variifolia A. Meuse

only? on the basis of the scattered
black glands on leaf lamina
below (Bot. 8.1. 100-101)

fui (?)

(A)

Cleome gynandra L. Houtt. (=Gynandropsis pentaphylla)

(A)

Boiled.

LEAVES

MAK. 10 SWA Boiled?

20

C. ? hirta (Q 78)

LEAVES

leaves.

LEAVES

Cleome monophylla L. var. variegata

(A)

SWA (var.?) young 3-6 cm

FRUIT

80T

MAK. 10 SWA Boiled

LEAVES

20 Roasted 1.5 - 3 cm TUB. ROOT

(or raw?) * 2.5 - 4 + cm

(but not seen?)

Cleome rubella Burch. Sond. (SOPATTESSA)

52.9 as c. hirta P 182 ?

SWA (var.?) 2-3 cm YOUNG FRUIT

80T Roasted 3-4 cm diameter

MAK. 10 SWA Boiled? & meat

20

(Raw - water) 15-35 cm (TUB. ROOT)

root at least x 50-100 cm.

but known.

← Coccinia ? adoensis Cogn. - The S.N.A. Colls.!!

SWA

Roasted

- 10 - 25 - CM TUB. ROOT

* x 25 - 40 cm.

CUCURBITACEAE

(A)

holied

n'hlébé-yashilowane
(N. Makondo & others.)

CUCURBITACEAE

Marsheku (p. 109) gives /ga
n//a: ... click uncertain

monaji, monaji

CUCURBITACEAE

-kri:dwa Story p. 52

-ke:twa or ki:twa

Acc. to Takat. (Kō)

known to them rain, grain but out of
their area.

ARACEAE

Four long C. variifolia measured
along Bee Rock Gully. Found at
picnic spot & weir. Not seen since. Perhaps
introd. (Iron Age) by Natal Bantu?

37

Coccinia adoensis (Hockst. ex A. Rich.) Cogn.

OR C. sessilifolia? (Petitot 9° OR?)

SWA

num

BOT

MAK. 10

20

Boiled?

LEAVES

Coccinia rehmannii Cogn. var. rehmannii

1,8 - 3+ cm

SWA

num

BOT

MAK. 10?

Raw?

-15-20 seeds? (Marshall)

20

Roasted

(or raw ??) x 2,5 - 4+ cm

(less in v. arid areas?)

TUB. ROOT

GUM

Coccinia sessilifolia (Sond.) Cogn.5-12 cm
x 2,3 - 3,3 cm YOUNG FRUIT FL.
Many seeds. SEEDS - NOT INT.

SWA

num

BOT

MAK. 10

Roasted

20

('Raw - water') 15-35 cm (TUB. ROOT)
Not at Takat. x 50-100 cm.Colocasia antiquorum Schinz

(A)?

MAK. 10

20

App. TOXIC unless

Boiled.

TUB. ROOT

COMBRETACEAE

TINA 33

Small tree with white bark (Bark
at Makonya & others)

COMBRETACEAE

Poss. = Story (p. 36) *C. coriaceum*
SWA (?)

TINA 33 MS 03-51 + aff. SWA
f kao, f au, (poss. T?)

TOOR, SNT MS app. = Lee (p. 109) *C. meadowianum*
MS 28 X (SWA)

COMBRETACEAE

SWA Story p. 52

TINA 32 MS 01-8 SWA
MS 28 X (SWA)
f kao & f au, f au, f au
flat area.

TOOR, SNT MS 28-21 (SWA, 1009)
MS 001-02 X (SWA)

COMBRETACEAE

SWA (SWA)

(A)

Tree or large shrub - seen (now) in the dry savanna
but not growing near water & soil not very good N/S
TOOR, SNT spot of water. 1000 feet above sea level. Perhaps
intra (local) by Natives. BARK

Combretum apiculatum Sond.

? subsp. apiculatum

SWA

SWA

BOT NORTH Lee (p. 109)

MAK 10

20

GUM (?)

Combretum collinum Fresen.

SWA

SWA

BOT

GUM (?)

Combretum pseudoides Welw. subsp. (?)

MS 01-8 (SWA) near to 1000 ft. with flowers from H
MS 28 X (SWA) same locality as above - same plant
BOT

GUM

(SWA)

Combretum erythrophyllum (Burch.) Sond.

(BOT) NORTH Lee p. 109

MAK 10

MAK. 10

20

GUM (?)

Lee p. 109

or R. A. 23 GUM

Combretum hereroense L. Schinz

As P. benghalensis L. p. 182

SWA

SWA

BOT ?

MAK. 10

20

GUM (?)

COMBRETACEAE

Ascorbic acid (minerals) Matoorino (?)
M. 1952 p. 182

SWA.

num

BOT.

MAK. 10

OS

20

(?) MNJ

COMBRETACEAE

Ascorbic acid (minerals) Matoorino (?)
P. 1952 p. 36 f. coriaceum

SWA. (?) Kha

num

BOT. (?)

MAK. 10

OS

COMBRETACEAE

Almost certainly *Prisopsp.* seen at Garu loc. SWA.
(1952). Dune esp? dune-marginal shrub / small tree.

MNJ

Lee (p. 109)

COMBRETACEAE

Malligaardura Matoorino (?)
M. 1952 p. 182

OS

20

(?) MNJ

COMMELINACEAE

Ascorbic acid (minerals) Matoorino (?)
M. 1952 p. 182

C. ? africana coll. Chassis - Gantche Pan.
No ref. to eating by Bushmen.

As ref. to C. alboseca - Bushmen

SWA.

num

BOT. (?)

MAK. 10

OS

Combretum imberbe WawraAscorbic acid (minerals) Matoorino (?)
M. 1952 p. 182

SWA. (?)

num

(BOT.) NORTH. Lee (p. 109)

MAK. 10

OS

20

Benghalensis (Linn.)

Engl. - Gantche - Chasse - no ref. to eating (Cot H.)

BOT. (?)

MAK. 10

OS

20

GUM

SWA. (?)

num

BOT. (?)

MAK. 10

OS

20

GUM (?)

SWA. (?)

num

(BOT.)

MAK. 10

OS

20

GUM

SWA. (?)

num

(BOT.) NORTH. Lee p. 109

MAK. 10

OS

20

GUM

SWA. (?)

num

BOT. ? - see *C. alboseca*. -

MAK. 10

OS

20

LEAVES ?

& STEMS ?

Panaka p. 18

Lee p. 109

Le R. p. 73

GUM

(TUBER)

X 1/2 cm

COMMELINACEAE

Prob. This sp. obs. at Takatskwe. No ref. to eating by Bushmen.

COMMELINACEAE

Prob. This sp. obs. at Takatskwe. No ref. to eating by Bushmen.

BURSERACEAE

= plants seen at Sikerete (Rm 1952-3) ?

COMBRETACEAE (not 222, HAM (TOS))
Almost certainly these spp. seen at Garu (MNM) (1952). Dark esp? dense-stipitate shrub. (TOS)

BURSERACEAE

//a: //a or //a-//a
or

BURSERACEAE

C? affinis - 200; Chassis - Gantsha-Pan ? (AVL)
No ref. to eating by Bushmen. (TOS)

234A33

234A33

Commelina albescens Hassk.

As C. benghalensis ? p. 182.

BOT. - ?

MAK. 10

MAR. 20

Raw x 1,7 cm

Boiled.

1 seed

? FRUIT FL.

LEAVES?
& STEM?

ROOTS

Commelina benghalensis Linn.

SWA - Gantsha - chassis - no ref. to edibility (Co U.)

BOT. - ?

MAK. 10

20

Boiled. P. 182

Quin (p. 78) pot herb

Nigeria Sukuma household.

LEAVES

(& STEM?)

Commiphora africana (A. Rich.) Engl.

SWA. ?

(BOT.) 10 Tanaka (p. 118)

20

Raw

Quin

Gum

1 seed

x 1,2 cm

x 1,5 cm

SAP OF

TUB. THICK. ROOT

Commiphora angolensis Engl.

Raw

1,0 - 1,3 cm. FRUIT FL.

BOT. 10

x 0,9

1 seed

Panaka p. 118

(TUBER)

Commiphora glandulosa Schinz

Raw x 1,1 cm

x 1,0 cm

1 seed

Prob. ? FRUIT FL.

GUM?

prob. edib.

ROOT

(ref. Palmer & Pitman 232)

ARALIACEAE

P. & P. 232
large succ. roots sappy + cool ... to quench thirst.
Note. Short branch tips chewed (or eaten) by baboon at Mak.

CUCURBITACEAE

Mature: Fruit in wild oblong, ellipsoidal, obovate 4-6 cm. x 2-4 cm.
Cultiv. (Quinn p. 70. Illust. plate 48.) about size of a hen's egg. \rightarrow 'wild'!!

CUCURBITACEAE

16/8/80
occurs on farm Rosipoort ± 9 km. S.S.E. of Potgieters.
Poss. in Planknok - 24 Rivers - Pruijen area (on west)

COMMELINACEAE

26/8/80
? (T.O.B.)
26/8/80 X
26/8/80

COMMELINACEAE

MS (P)-S-E (W) (A.W.) (A.W.)
MS + P-X
26/8/80

CYPERACEAE

story (p. 50-51); (Kag., hene and. P.W.L.)
1ao
galling Marshall 1gau
(p. 110)

CASSONIA spicata Thunb.

MAK 10

20

Cucumis melo L.

(A) ?

large succ. ROOTS 49

+ 4-6
x 3-4 cm.

seeds.

FRUIT FL.
LEAVES

MAK. NOT SEEN AS ESCAPE!! OR WILD!!

20?

Cucumis metuliferus E. Mey.

Story (pp 49-50)

(S) - 12-(16)

(BOT.) (Silb. p. 45)* Roast

x 4-6-(9) cm.

MAK ??

seeds.

Cyanotis lapidosa Phillips

as C. nodiflora p. 182?

Boiled.

1-000-2 seeds

LEAVES?

MAK. 10?

20?

Cyanotis nodiflora Kunth

SEE p. 182.

MAK. 10

MAK. 20

Boiled.

1-2 seeds

LEAVES

FRUIT FL.

also TOXIC

+ STEMS?

Cyperus fulgens C. B. Cl.

Sil. W. A.

3-4 cm

Raw x 3,5-4,5 cm FRUIT FL.

push fruit 1-6 seeds.

push fruit 1-6 seeds.

Raw (or roasted.?)

BULB.

0,8-1,5 cm. (corm?
tuber?)

CYPERACEAE

džé:ni sometimes fə:n

VITACEAE

LEGUMINOSAE

FABACEAE

Subfam. CAESALPINIOIDEAE

tʃə:n

DICHAETALACEAE

Atant, nə:tə:tən, zitə:nəd

581.9 332

DICHAETALACEAE

Atant, nə:tə:tən, zitə:nəd

581.9 332

DICHAETALACEAE

Atant, nə:tə:tən, zitə:nəd

! a:

581.9 332

(c. hřeben v) vst

Cyperus lasitatus Burch. En form. 581.9 332

581.9 332

Raw 2,8 - 3,5 cm. FRUIT FL.

BOT. Raw or raw 2 seeds

MAK. (Not roasted by Kō
Takat.)

20 0,8 - 1,5 cm BULB

Cyphostemma oleraceum } AS cissus.

CY woodii (now sunk!)

(corm? tuber?)

Dialium englerianum Henriques

Raw 2,5 - 4 cm DRY FRUIT PULP

2,5 cm.

BOT. 1-occ. 2 seeds.

MAK. up to 3 x 1,5-2 cm' (Palgrave)

20

Dichapetalum cymosum (Hook.) Engl. and Prantl

? = D. venenatum Engl. & Gilg — SEE!!

? 2-2,8 cm FRUIT FL.

x 2,5 - 3,5 cm 1-2 seeds

Raw. PROB. HIGHLY TOXIC

SKIN ALSO TOXIC?

MAK. 10?

20

Dichapetalum rhodesicum Sprague & Hutch.

3-4 cm

Raw. x 3,5 - 4,5 cm FRUIT FL.

prob. fru: 1-6 seeds.

DICHLAPETALACEAE

Armenia ~~interven~~ ~~interven~~Story (p 29) mazi
mazi.

~~383~~ ~~383~~ ~~383~~ ~~383~~ ~~383~~ ~~383~~

(XANL WO) { ~~Musidora~~ ~~Cambridge~~

(XANL WO) { ~~Musidora~~ ~~Cambridge~~

210 - 210-8,0

~~210~~ ~~210~~ ~~210~~ ~~210~~ ~~210~~

LEGUMINOSAE

FABACEAE

~~383~~ Subfam. MIMOSACEAE VAS A/800

g/zadi \rightarrow g/xali

MD 8-24 x 2 cm
(Malesia)

LEGUMINOSAE

FABACEAE

Subfam. MIMOSOIDEAE

EBENACEAE

TINNA

f/a:xam

Dichapetalum venenatum Engl. & Gilg ~~383~~ AM 383

? = D. cymosum (Hook.) Engl. & Prantl

SWA Raw 2,8 - 3,5 cm. FRUIT FL.
nmn
BOT ? 1 - 000. 2 seeds
MAK. 210 ? HIGHLY TOXIC.
20 SKIN also not eaten.

Dichrostachys cinerea (L.) Wight & Arn. ~~383~~ AM 383subsp. africana Brenan & Brummitt

SWA
nmn
BOT.
MAK. 10 Raw
20

GUM

Dichrostachys cinerea (L.) Wight & Arn. ~~383~~ AM 383subsp. nyassana (Taub.) Brenan

MAK. 10 Raw 1,1 - 1,8 cm FRUIT FL.
20 2 - 4 seeds
Diospyros lycei Desf. ~~383~~ AM 383

MAK. 10 ? off. subsp. sericea (Benth.) de Winter
20 Raw 1,5 - 2,2 cm FRUIT FL.
2 - 4 seeds

GUM

Diospyros chamaethamnus (Mildbr.) ~~383~~ AM 383

SWA Raw 3 - 5 - 7 cm. FRUIT FL.
nmn
3 - 7 seeds.

LILIFACEAE

Dipcadi glaucum (Ker-Gawler) Bak.
gahai (see Igwase, SWA. !!)
 TIN 27. M 0, 5-8
 26552 p-s !gahai !gahai
 !ahai

LILIACEAE

Dipcadi longifolium (Lindl.) Bak.
 g//wa:, g//owa:
 TIN 27. M 2, 5-8
 26552 p-s -

LILIACEAE

Dipcadi glomeratum (L.) Ker-Gawler
 TIN 27. M 2, 5-8
 26552 p-s - nam or nam
 g!umse:

EBENACEAE

Dipcadi glomeratum (L.) Ker-Gawler
 TIN 27. M 2, 5-8
 26552 p-s -

LILIACEAE

Dipcadi viride (L.) Moench
 C.K-T (p. 118) n!au!kari
 TIN 27. M 2, 5-8
 26552 p-s -

Dipcadi glaucum (Ker-Gawler) Bak.

See Igwase, SWA. !!
 TIN 27. M 0, 5-8
 26552 p-s

BOT.

Leaves ???

Roasted. 2,5-5 cm. BULB

Dipcadi longifolium (Lindl.) Bak.

g//wa

BOT.

{ Raw

Raw. - as salad 2-4, 2,5-5 cm BULB.
 not roasted.

LEAVES

Dipcadi marlothii Engl.TIN 27. M 2, 5-8BOT.

* LEAVES V. TOXIC *
 - !Kō of Takat.

Roasted
 (sometimes raw in salad) 3-5 cm BULB

Dipcadi viride (L.) Moench

Potgietersrus.

(BOT) CKT.

MAK 10?
 20

Roasted
 or
 Raw

?
 see Igwase, SWA.
 Takat.

Roasted
 Raw as salad

2,5-6 cm. BULB

LILIACEAE (yellow - red) manihot iboga
 (fors?) !goro or !oro
!goro

BINA M 2-2,5 bolay

LILIACEAE gum (manihot iboga)

gum g!umse

g!umse g!umse

23VA33

BINA M 2-2,5 bolay - mpa
bolay bolay

LILIACEAE

gum (manihot iboga)

* 23X05 V 23VA33 *
bolay - bolay

BINA M 2-2,5 (bolay ni wae namin)

LILIACEAE ASINOM (A) shimini iboga

(A) shimini shimini

lau ! kan

TAS (JOS)

soi RAM

os

BINA M 2-2,5

Dipcadi

SWA.
uru

Roasted 2-4 cm. BULB

Dipcadi

SWA
uru

Raw

MAK. 10

Roasted

Roasted

2-4 cm. BULB

Dipcadi zeyheri (Sand.) Mark. 3A3) AITANOJA

Tratt.: !a^{nh}a^{nh}ku

L. Tree area - 0,9 cm.

Raw - 0,9-1,4 cm. FRUIT FL.

Poss. = next lau ! kan leaves
Bulb 3,5 cm. diam.

MAK. 10 (1)

20

Dipcadi sp. hor. ? V. E. Br.

(P. A) cutz

lau ! kan

BOT.

MAK. 10

20

* LEAVES TOXIC *
 acc. to (Kö at
 Takad.)

Roasted
 Raw as salad.

0,8-1,4 cm.
 2,5-5 cm. BULB

LLIZACEAE

Marshall (p. 121) Igwashe for D. glaucum
(Burm.) Baker - identif. by R.B. Lee.
Igwase (see)

83N8

LICZACEAE

Igwale
gfan gfan

83N8 MS p-8 197209

FLACOURTIACEAE

Flacourtiaceae Igwale

ASCLEPIADACEAE

stwo (p. 41) rives -da:taba

ta:taba:

γ//γοίja το/ sometimes γ//σεγja

83N8 MS 2-2,8

Dipcaid

zigide (Thunb.) Drue 3A33AV33808
fgwase:

SWA?
mm

BOT. 10
MAK. 10

0,5-0,9 cm. FRUIT FL.
(an.) 1500-2000 m.

LEAVES

Dipeadile sp.

3A33AV3383
Limeworks, small
Igwale

SWA
mm

MAK. 10
Raw
or
Roasted?

Bot. 10
MAK. ?

poss. toxic!
LEAVES ??

? BULB

Dovyalis zeyheri (Sond.) Warb.

var. crenata De Winter
Raw. 0,6-0,9 cm.
x 1,0-1,4 cm. FRUIT FL.

MAK. 10 (?)

20

Raw. 0,8-1,2 cm few seeds
x 1,0-1,4 cm (1 seed)

Duvalia polita N.E. Br.

3A33AV3383

SWA
mm

BOT.

MAK. 10?

20

FRUIT FL.
0,8-1,4 cm. 1 seed
FLESHY STEMS
SUBT. STEMS

BORAGINACEAE

Mitchell (p. 111) lauasho for Z. glaucum
(Burm.) Baker - identical to Z. latifolium (Sav.)
Also CK.T. (p 118) //gao , //glau
23VA33

100306

GRAMINEAE

POACEAE

SIND?

EBENACEAE (EAE. Arat. (Burm.) indigo stayas)

EBENACEAE - 48.3. N stiloy alau
Stevs (p. 47) stevs datata

EBENACEAE - 48.3. N taffay
Sometimes taffay taffay
taffay taffay taffay
taffay taffay taffay
taffay taffay taffay

2M3T2 .TSN2 MS 11-8,0

100306

Ehretia rigidula (Thunb.) Drucevar. undulata

2A306W383

SWA. ?

(BOT.)

MAK. 10

20

0,5 - 0,8 cm **FRUIT FL.**

-4 seeds

Raw.

Eragrostis sp.

SWA.

MAK. 10

20

Raw

roasted

Other spp. ?

MAK. ?

Joints
2,5-4 cm. ? RHIZOMEEuclea crispa (Thunb.) Guerkevar. crispa De Winter

BOT.

MAK. 10

20

Raw.

0,5 - 0,7 cm **FRUIT FL.**

(1 seed)

Raw

Jointed
Joints 3-5 cmEuclea undulata Thunb.var. myrtina (Burch.) Hiern

SWA. ?

MAK. 10 ?

20

Raw

0,5 - 0,8 cm. **FRUIT FL.**

? 1 seed

Roasted

(or raw?) Jointed. 3,5-5 cm RHIZOME

EBENACEAE

TINAK (SWA) SWA (NAME) SWA (NAME)

TINAK NO 3,0-4,0

Also SWA & SWA

Ngawau Nala (TOD)

SWA

SWA

ORCHIDACEAE

TINAK (SWA) SWA (NAME)

POACEAE

TINAK (SWA) SWA (NAME)

TINAK

Euclea undulata Thunb.var. undulata

0,5 - 0,8 CM FRUIT FL.

1 seed.

Raw.

MAK. 10?

20

Eulophia

MAK. 10

MAK. 20

Raw

or
roasted

20

? JOINTED
? 2,5-4 CM. ? RHIZOMEEulophiaBOT.

Raw

Jointed

Joints 3-5 CM

X 2-3,5 CM thick.

RHIZOME

Eulophia

fragrant; monodelphous CHECK!

SWA.

Raw

? 1,8-1,9 CM FRUIT FL.

? 1-2 seeds

MAK. 10

20

Roasted

(or raw?)

Jointed. 3,5-5 CM RHIZOME

X

ORCHIDACEAE

JANAT. ADDITIONAL RECORDS

MOSHIKA, NAM

JF TINAY MJ 2,0-2,5

b32-1

MJ

WAG. 01. XAM

02

03

ORCHIDACEAE

ADDITIONAL RECORDS

WAG.

01. XAM

b32-10

02

ESTIMATED

EMOSIKA ? MJ 1,4-2,5

ORCHIDACEAE

ADDITIONAL RECORDS

POSET & STOREY figs. (1862 - 1863) "NAME". Note

similarity of name to that of next sp.

(p. 16 = *Eulophia* (not *Eupithecia*!))NAME: *Eulophia* (givarka)

JODA

WAG.

EMOSIKA

NAME

MJ - P=2, S=100

ESTIMATED MJ 2,5-3 X

RUBIACEAE

ADDITIONAL RECORDS

? = STOREY figs. (see STOREY's spp. (p. 18) "*Eulophia*"

? = MARSHALL figs. (pp. 10-11) "NAME" (givarka)

NAME: *Eulophia* (givarka)

b32-10

EMOSIKA MJ 2-2,5 INSTANT (SWARNA)

X

Eulophia glutinosa (Bak.) Rendle

ABASSIAK

SWAK

BOT

TARAT.

Roasted 2,5-5 CM CORNS

Roasted corns have been seen!

Almost cut, eaten!

Eulophia burkei (Miq.) Krians

ABASSIAK

1,2-1,6 CM FRUIT FL.

or seeds

MAK. 10

Raw

or

Roasted

20

JOINTED
? 1,5-2,5 CM. ? RHIZOME*Eulophia capensis* Thunb.

ABASSIAK

2,8-5,0 CM FRUIT FL.

or seeds

MAK. 10

Raw

20

Raw

Fadogia tetragona (Miq.) Krians

ABASSIAK

=? fragrans, monticola, ... CHECK!!

Raw

? 1,3-1,8 CM FRUIT FL.

? 1-(5) seeds

MAK. 10

20

IRIDACEAE

y!adi , Igali

MORACEAE

MORACEAE

MORACEAE

JF TSNRZ, MZ 1-01
2632(2)-1

0) .XAM

08

Ferraria glutinosa (Bak.) RendleSWA
BOT

MAK. 10

20

REP. NOT EATEN AT EDIBLE ??
TAKAT.

Roasted. 2,5-5 cm. CORMS ?

Roasted corms have been seen ! X 1-3+ cm.

Almost eat. eaten !

Ficus burkei (Miq.) Miq.

MAK. 10

20

Raw

Raw.

1,1,2-1,6 cm. FRUIT FL.

or seeds

or seeds

Ficus capensis Thunb.

MAK. 10

Raw.

20

2,8-5 cm. FRUIT FL.

or seeds.

or seeds

Ficus ingens (Miq.) Miq.

MAK. 10

20

Raw. 1,2-1,8 cm FRUIT FL.

or seeds

or seeds

MORACEAE *alnoid* (L.) Benth. *alnoides*

TS 338203 TANZANIA TANZANIA
TAXON TAXON

AM
mm
TOP

? 2M203 MD 2-3,5
MD + 8-1 X ~~Wet season~~ ~~dry season~~
ARMS AND FRUIT

MORACEAE *gim* (gim) *gim* (gim)

TSN 97.05.2.1-5.0
26552 00

WAG

01. AM
02

MORACEAE *tanat* *2282003* *228203*

TSN 97 MD 2-3,5
26552 00

WAG

01. AM
02

MORACEAE *gim* (gim) *228201* *228203*

TSN 97 MD 2-3,5
26552 00

WAG

01. AM
02

Ficus gallicifolia (Burm.f.) VENKATESWARA

= predovicae

Raw

0,7-1,2 cm **FRUIT FL.**
+ several seeds

MAK. 10

20

Ficus soldanella (Burm.) Warb. SCHNEIDER 1933

SOLDAN
ROB

MAK. - ?

2020

Raw ~~sub~~ 1,6-2,8 cm **FRUIT FL.**
X 1,4-2 cm

∞ seeds

Raw 10-30+(40?) cm TUB. ROOT
X 20-45-(90?) cm

Ficus sonderi (C. Miq.)

BARASSIA

Raw ~~sub~~ 0,6-0,9 **FRUIT FL.**
X 1,0-1,3 cm + stone?
∞ seeds

MAK. 10

20

Ficus tettensis Hutch.

BARASSIA

Raw. 1,2-1,8 cm **FRUIT FL.**
∞ seeds

MAK. -

- Roasted?

20

2-2,5 cm (?) CORM

FLACOURTIACEAE

all similar 2017

assimilating:

JAP TINR3 MJ 01-50
2000 0

Wd

Wd

of XAM

02

Fruit

ASCLEPIADACEAE

dried all similar 2017

Story: 'lxwa: (p.42). LeR. g!xwa (p.24)
(no! heard as above) Koöa, Kchöa

MS 2-4,1 X

Wd

of XAM

03

AIZOACEAE

jim all similar 2017

Wd

P.0-2.0

MS 2-4,1 X

Wd

of XAM

04

IRIDACEAE

LTH all similar 2017

Wd

Wd

of XAM

05

Flacourtiella indica (Burm.f.) Merr.

MAK. 10?

20

Raw

1,0 - 1,8
? several seeds
4 or more v.

FRUIT FL.

Roasted?

3,0 - 6,0 cm ? CORM

Fockea angustifolia R. Schum.

S.W.A.

innum

(BOT.

MAK. 10

20

Roasted?

Raw.

10-30-(40?) cm TUB. ROOT
x 20-45-(90?) cm.
CORM*Gisekia pharnaceoides*

(A) ?

Quin. (p. 78)

LEAVES
+ stems?

MAK. 10

MAK. 10

20

20

1,5-2,5 cm CORM

Gladiolus crassifolius

ANALOS

JWLS

CAT

Dato M

TUB.

Tuber

Tuber

Tuber

Raw

1-4

stones

1-4

tubes

1-4

tubes

MAK. 10

20

Roasted?

? 2-5 cm ? CORM

IRIDACEAE

(Amarantaceae, Sauraphytaceae)

3,1 - 8,0
2000 - 2500 m
N. slope

Wet

700 - 750 m

OS

IRIDACEAE

Stems clumped, 2-5 m tall, glaucous, smooth
leaves (red, thick, pubescent) thick, 60 cm
wide, 100 cm long, 700-750 m

T02

750 m

OS

T009, 8NTm(104) - 08-01
NT(105) - 20-05 X

Wet

IRIDACEAE

rhizomatous, tuberous

A

2340 m

(25-30) cm

700 - 750 m

OS

TILIACEAE

Za:ma:may, Za:ma: Story (p 32)

Za:wa, Za:ma

Za:am Za:uli
OR f. or II for both.

MABO: N. 2-5

Gladiolus dolomistica us?North
BOT = See
G. dolomiticus
for 2000 m

MAK. 10

20

Roasted?

irreg. stout-discoidal
100 cm

3,0 - 6,0 cm ? CORM

Gladiolus ciliostipula(white)
BOT North Raw

MAK. 10

20

Roasted?

not lobed.

? 2,5 - 6 cm ? CORM

Gladiolus avellanae DC.

(red) red clm. 700-750 m

MAK. 10

20

Raw.

Corn small.

not lobed, 1-2 lobed,
or completely unlobed -
equally 2-lobed.

1,5 - 2,5 cm. CORM

20,6 - 0,8 cm. FRUIT FL.

Grewia avellanae Hiern

3? FORMS

SWA

BOT

MAK. 10

20

Raw.

0,8 - 1-4 cm stones +

1-4 cm stones +
1-4 cm. 3-4 lobed

1-2-3-4 lobed.

TILIACEAE

Lee p. 109.

Makoko (2000)

vs wdg

of XAM

? botan.

Makoko (2000)

TILIACEAE

figwe: , 5 fgoi

Lee p. 109.

station

of XAM

os

Makoko (2000)

TILIACEAE

n/g stng (p. 33)

n/g

g/a:

of XAM

os

Makoko (2000)

TILIACEAE

Makoko (2000)

/go1e, /go2e

/kam /kuligal /am /u1e

prob. 4-8, 2000-
for both*G. bicolor* Juss.(BOT.) — See
G. falcistip. Raw
for BM. colls. Raw

MAK. 10

20

2: Ø ± 0,6 cm.

? 0,6-0,8

0,7-0,9 cm

FRUIT FL.

stones

1-± compl. 2 - lobed.

1-± compl. 2 - lobed

B.M.

Grewia falcistipula

2 FORMS?

(SWA) 1,0-1,5 CM. FRUIT FL.

(BOT.) NORTH. Raw

1,0-4-8 (-16) stones +

? 2,5 cm)

stones

not lobed.

1-compl. 2-4-lobed.*Grewia flava* DC.

(SWA) SWA (2000) (2000) raw

SWA

BOT

MAK.

10

20

0,7-0,9+ CM. FRUIT FL.

2-4 (x2) stones +

not lobed, sl. 2-lobed,
or completely but v.un-
equally 2-lobed.*Grewia flava* DC. ? hybrid.

? 0,6-0,8 cm. FRUIT FL.

prob. 1-4 stones +

Grewia flavescens Juss.

SWA

BOT.

MAK.

10

20

Raw

0,8-1,4 CM. FRUIT FL.

1-4 stones +

1-2-3-4 lobed.

TILIACEAE

~~TENR~~ ^{mod. 2-5} ^{WAG} ^{HTM} ^{ss. - (T08)}

~~mod. 2-5~~ ^{mod. 2-5}

TILIACEAE ^{mod. 2-5}

~~mod. 2-5~~ ^{mod. 2-5}

.53 H. Wild. ^{N.R.} F.Z. 2.1 p. 58. "Fruit reddish-purple, up to 2.5 cm.

~~var. diam.~~, ^{mod. 2-5} ^{WAG} ^{HTM} ^{(T08)??}

~~mod. 2-5~~

TILIACEAE

Story !swa (p. 34); Le R. g!wā (p. 25)

~~TENR~~ ^{mod. 2-5}

~~mod. 2-5~~

~~mod. 2-5~~ ^{mod. 2-5}

~~TENR~~ ^{mod. 2-5}

TILIACEAE

LEE p. 109.

~~TENR~~ ^{mod. 2-5}

~~mod. 2-5~~ ^{mod. 2-5}

~~mod. 2-5~~

~~mod. 2-5~~ ^{mod. 2-5}

~~mod. 2-5~~

Grewia monticola Sond.

MAR. 10 Raw ^{mod. 2-5} 0,6 - 0,9 cm. FRUIT FL.

20 ^{mod. 2-5} 0,6 - 0,9 cm. FRUIT FL.

Grewia villosa Raw 0,7 - 0,9 cm. FRUIT FL.

MAR. 10 stones.

SWA 20 Raw 1,0 - 1,5 cm. FRUIT FL.

mod. 2-5 ^{mod. 2-5} - ^{mod. 2-5} 1 - compl. 2-lobed. ones.

Grewia occidentalis L. (Benth.) ^{mod. 2-5}

~~mod. 2-5~~ ^{mod. 2-5} ^{mod. 2-5} ^{mod. 2-5} FRUIT FL.

(BOT) ^{mod. 2-5} (mod. 2-5) Raw 1,0 - 1,4 cm. F. SEED

MAR. 10 ^{mod. 2-5} ^{mod. 2-5} ^{mod. 2-5} ^{mod. 2-5} stones

20 ^{mod. 2-5} ^{mod. 2-5} ^{mod. 2-5} ^{mod. 2-5} 1 - usually 3-4-lobed.

Grewia retinervis Burret var. form*

SWA Raw 0,8 - 1,2 cm. FRUIT FL.

BOT - 2-4 stones *

MAR. * 10

20 ^{mod. 2-5} ^{mod. 2-5} ^{mod. 2-5} ^{mod. 2-5} not lobed.

? ^{mod. 2-5} ^{mod. 2-5} ^{mod. 2-5} ^{mod. 2-5}

Grewia subspathulata C.N.E. Br. ^{to carefully check!!} ^(not G. monticola!!)

Raw 0,6 - 0,8 cm. FRUIT FL.

(BOT. NORTH) ? 1-4 stones.

MAR. 10 ^{mod. 2-5} ^{mod. 2-5} ^{mod. 2-5} ^{mod. 2-5} (mod. 2-5) (mod. 2-5) (mod. 2-5)

20 ^{mod. 2-5} ^{mod. 2-5}

? ^{mod. 2-5} ^{mod. 2-5}

Raw? 1 - compl. 2-lobed. ROOT.

TILIACEAE

TILIACEAE

LEGUMINOSAE

FABACEAE

Subfam. CAESALPINIOIDEAE

also tkum
/gwi:

SCROPHULARIACEAE

Slog (gwa) (p. 26); La Rung (wa) (p. 25)

TIK TANG (p. 26) wa (p. 26)

* 200 ft. 4-5 m. mohu: 708

200 ft. 4-5 m. * ham

200 ft. 4-5 m. os

UMBELLIFERAE

Lee p. 109.

TIK TANG (p. 26) wa

* 200 ft. 4-5 m. (HTAN 708)

'Re stout (fleshy?) 'middle' bark of root is eaten raw. Sucking ('salty') pleasant.'

Kok (alatnom) siwet

WAQ

os -

Thabagimbi - Ellisras area

Grewia vernicosa Schinz

MAK. 10 Raw 0,6 - 0,9 - cm FRUIT FL.

20 -2 - 4 cm. 3-4 lobed. 4 stones

Grewia villosa Willd.

MAK. 10

SWA 20 Raw 1,0 - 1,5 cm. FRUIT FL.

mm -4 stones

Guibourtia coleosperma (Benth.) J. Léon.

SWA Raw (w. water) 2,5 - 4 cm.
mm or roasted 1 seed 1,2 - 2 cm.
(BOT. (NORTH) Lee. p. 109. & sec p. 106 F. SEED + Aril

[Gynandropsis = (SEE) cleome]

Halleria lucida L. (a. Rich.)

Raw? 1-3 1,4 - 1,8 cm FRUIT FL.

2,5 - 4,5 cm several seeds

MAK. 10

20

Heteromorpha arborescens (Spreng.) Cham. & Schlechtd.

BOT. (HTAN) 1000 ft. 1000 ft.

MAK. 10 tropnot (HTAN) 1000 ft.

20 20 cm TAB. roots

Raw 0,8 - 1,5 (2) cm ROOT

UMBELLIFERAE

ENGL. ANGELICAE (ANGEL)

J7 TENGA M3 - 8,0 - 8,0 - WAG OF. KARIA
230072 45. 230072 45. 230072 45.

TILIACEAE

WAG. ANGELICAE (ANGEL)

JA TENGA M3 8,1 - 8,0 WAG

230072 45 - 230072 45 Hologind = Ellipticae (ANGEL)

UMBELLIFERAE (ANGEL) ANGELICAE (ANGEL)

FABACEAE

J7 TENGA M3 8,0 - 8,0 - 230072 45 - 230072 45 (ANGEL) (ANGEL)
2332. 7 M3 5,5 - 5,5 - 230072 45 - 230072 45 (ANGEL) (ANGEL)
TENGA

ANNONACEAE

J7 TENGA M3 2,1 - 0,1 WAG

230072 45 - 230072 45 OF. KARIA
OF. KARIA
08

LEGUMINOSAE (ANGEL)

FABACEAE

Subfam. CAESALPINIOIDEAE

Hei fn, Kai fn

Also? i.e. //kaig, kongonta

TENGA

WAG

Heteromorpha sp. nov.

MAK. 10

20

? ROOT

Heteromorpha ventricosa Kink

JAMSA

J7 TENGA M3 8,0 - 8,0 (ANGEL) (ANGEL) (ANGEL)
BOT. (NORTH) Raw (ANGEL), Boiled (ANGEL) FRUIT FL.
young seedZponia oblonga

TUBEROUS ROOT

MAK. 10?

20

Hexalobus monopetalus (A. Rich.) Engl. & Diels

1-3:

2,5 - 4,5 cm x 1,5 - 2,2 cm. FRUIT FL.
∞ seeds

BOT. (NORTH) Raw (ANGEL)

MAK. - Raw (ANGEL)

20

5 - 10 - cm TUB. ROOT

Hoffmannseggia burchellii Br (DC.) Benth. ex Oliv.

BOT.

Roasted.

MAK. 10

± hard

20

5 - 20 - cm TUB. ROOTS

x 0,8 - 1,5 (?) cm.

ASCLEPIADACEAE

Vernacular names

01. XAM
02.
TOOR 5

PALMACEAE

Norekan (L.R.) !aba, poss. !
Story !hani or !heni tha:ba

CONVOLVULACEAE

Igara or Jala

20000 02
XAM
02

CONVOLVULACEAE

FABACEAE

Subfam. CAESALPINIOIDEAE

pet. fr. subfamil. fr. - 100

Also 2nd offshoots - Kongonta

20000 0NT M 00-2

M (5) 2.1 - 3.0 x

Huernia zebra (L.) Cogn.

mixed w/ Huernia
raw with
(part like rice) AGR
MAK. 10
20

Roast
or
Raw

Toomoea spp. (BABA)

Hyphaene ventricosa Kirk

SWA.
Raw or boiled
(BOT. (NORTH)) Boiled.

FRUIT FL.

← young seed

Ipomoea albivenia

MAK. 10?
20

TUB. ROOTS ??

TUBEROUS ROOT
prob. edib. !!Ipomoea oblongifolia Schinz

(Convolvulus =)

Ipomoea carnea (L.) Schinz

(Convolvulus =)

FRUIT FL.

BOT. (100%)

Raw

-5-10- cm.

TUB. ROOT

Ipomoea lugardiae N.E.Br.

LEAVES

wings to broth Boiled.

MAK. 10

20

leaves, altissima (Golds.) A. Nels.leaves removed
or buried

20

CONVOLVULACEAE

WILDF. WILDSH.

n furu

'Fruits edible' Story, ref. to herb. sheets seen by him
(1958, p. 43) ... n!uru (p. 43)

01. XAM

02

ZINATZ

PALMACEAE

WITH ZINATZ SAKHATZ

Matured, dried palm fruit pulp, fibrous, sweetish, eaten raw.
SAP INJURIOUS TO SKIN
but good to eat.
WATER (HTOUX) TOS

01. XAM

02

TOSA MORNANT

dicks. bough

VERBENACEAE

WILDSH. WILDSH.

WILDSH. WILDSH.

WILDSH. WILDSH.

not perf. ²⁰

TOSA. BNT

MJ - 01 - 2 -

CUCURBITACEAE

WILDSH. WILDSH.

23V93.3

Karo or karu

01. XAM

02

tfulalale chilalale ... Heinz

Ipomoea w/*Verbascoides* Choisy

(FRUITS)

SWA.

NORTH
(BOT. Lee p. 109) Raw

MAK. 10 Raw

20 Sap malty?

Lagenaria siceraria

M. Not see wild (?) (A)

SAP
20-60-(120?) cm. TUB. ROOT*Ipomoea* spp. v. tenuis (Olivier)

Probably tuberous root(s) of many (+) ✓

Ipomoea spp. are edible (as food or source of water) 1-12+ seedse.g. *I. albivenia* (Lam.) Engelm. (possibly)

ESP. SEE QUIN (pp. 69, 70)

Raw. TUB. ROOTS ?

Kalaharia uncinata (Schinz) Moldenke(*Clerodendrum* =)

? 1,3 - 1,8 cm. FRUIT FL.

BOT. Raw 1 (or up to 4?) seeds.

MAK. 10

20

? *Kedrostis* esp. lis. (Sond.) Engelm.

SWA. Raw 1,0-1,4 cm. LEAVES

WILDSH. WILDSH. stone

Kedrostis foetidissima (Jacq.) Cogn.subsp. *obtusiloba* (Sond.) A. Meuse

BOT. Raw LEAVES

MAK. 10? (after removal of fruits) STEMS

20

ZIMAROUBACIAE (2102) subf. 2002 assimilat.

afetu

(ZIMAROU) ble' Story ref. to herb. sheets seen by [unclear] (p. 43) ... flora (p. 43) USA (part 33) ... 198

902
TOOB. 8NT M (cosi)-03-05
CUCURBITACEAE

APOCYNACEAE

GRAM - sp. (?) root assidant albaeberg
body w. - stems etc. off. 1902
... (return of. 1902 w. in
arizona, best over, not bad, well in ARIZONA - TOB
(sp. p. 43) 1902 1902

TOOB. 8NT. M (S) - 02 - 20A
+ M 3

ANACARDIACEAE (2112) stani (?) vitrohastis
(= marshashowari)

JA TENZA MD 02-03 S
2002 (1902) not fruits fruits fruits
not perf. 2002

ANACARDIACEAE

ka:kafade:bira
www

... 2002 (2002) minibita vitrohastis

... M A (2002) albiflora 2002

2002 (2002) tulata chitata rodriguez

(2002)

MAK

Kirkia wilmsii Engl.

3ABABAKAHVAA
sp. nov?
1,0-1,6 cm

1,0-1,8 cm FRUIT FL.
stone

MAK. 10 Raw

20 sap mainly? 5-30 cm. ROOT TUBERS
Lagenaria siceraria
M Not occ. wild!!? A

Landolphia capensis Oliv.

Raw 2,5-5 -(6) cm. FRUIT FL.
1-12 - seeds

MAK. 10

20

Lannea discolor (Sond.) Engl.

0,8-1,2 cm.
1,0-1,8 cm. FRUIT FL.

BOT. Raw?

MAK. 10

20 Roasted 2,0-4,0 cm CORM

Capeirousia coerulea

Lannea edulis (Sond.) Engl.

0,9 - 1,5
1,0-1,4 cm FRUIT FL.
1 stone

MAK. 10

20

ANACARDIACEAE

Laportea diffusa Swartz

10 cm, ka:kase:

29 AUG T009 MS 08-2 SWA

(A) 11 blu 220 m

VERBENACEAE

Vita (variegata) glaberrima29 TINAY MS 25-29828
29002 - 51-1

IRIDACEAE (Laportea) (L.)

App. as *L. cyanea* Bak. //haru (Marshall p III)? - or fkaru
//haru (Marshall
p III)

IRIDACEAE

Lapeirousia (L.)

29 TINAY MS 21-91

IRIDACEAE

Lahnea

SWA. Raw

spinw.?

1,0-1,6 cm

0,8-1,2 cm FRUIT FL.

1 stone

Roasted

4-7,5 cm. BULB

Lantana rugosa Thunb.

?

SWA. Raw

0,3-0,5 cm. FRUIT FL.

BOT.

MAK. 10

1x2 stones

Roasted

2 (-4?) cm BULB

x 4f 6?) cm

Lapeirousia bainesii Bak.

SWA.

mm

Roasted

2,0-4,0 cm. CORM

Lapeirousia coerulea

LEE

CORM

(BOT.) NORTH.

Lapeirousia

MAK. 10

Roasted?

1-2 cm? ? CORM

LILIACEAE

M 2,1-0,1
M 2,1-0,1f/om, wñtñg, fuy
fuy
fuy (story)
p 16

LILIACEAE

M 2,0-0,0
M 2,0-0,0g/om or? g/om
top
or. KAM
or

LILIACEAE

BPA. as L. longiligulatum Bak. Hharu (Marshall)

fkaru AWL
fba sometimes fba:
or? fba

M 2,0 M 2,0-0,0

M 2,0 M 2,0-2,0

IRIDACEAE

mñwñg

LILIACEAE

mñwñg

M 2,0

g/ame

HTOM (top)

IRIDACEAE

g/ame

KAM

M 2,0

Ledebouria

SWA.

BOT.

Roasted

4-7,5 cm. BULB

Ledebouria

Ledebouria

MAR. 10

SWA

Roasted

2 (-4?) cm BULB
x 4(-6?) cmLedebouria

BOT.

Raw.

10-25- cm
x 1,5-2,5- cm LEAVES

Roasted

(basal part not eaten) x 1,5-3 cm. BULB

Ledebouria

BOT.

Raw

FRUIT LEAVES

MAR. 10

Roasted

R. as above. BULB

LILIACEAE

goale or gole

BINA M3 2,5-4 2009

LILZACEAE

Bulb of a? Ledebouria sp. at Makop. reported eaten. 'Scaled' & then boiled.BINA M3 (SP-) S
~ M3 (SD) N X

CAPPARACEAE

App. as food - not? medicinal. Prob. acc. to Mack Maruma or Dungare. Mop. dighôbê-chabashimane 'Pod is eaten when dryish-ripe. Seeds'

(not ripe) legume not scaled

(not for long time)

CAPPARACEAE

y/ame wa

BINA

Ledebouria

as above crustate (wild) wild

BOT.

Raw

1,8-2,5 cm
x 2,5-3,5 cm

LEAVES

Roasted

7-12 cm
x 1,5-3 cm.? Ledebouria

Maurua schindleri Pax

MAK. 10

Boiled.

SMA. 20

Raw. (sic M. angolensis)

? BULB

? SEEDS

Maerua angolensis DC.moniliform fruit (LEAVES)
MAK. 10 Clavate 8-18 cm x ± 10 cm.
20 Pests - 3-15 seeds ± 5-9 mm
Raw ? ? ? SEEDS

Meloethia cinerea (Lam.) A. Nels. (LEAVES)

Also M. angolensis ? v. nr. M. sclingii Domsthl.

Maerua caefra (DC.) Pax (LEAVES)

prob. 3-4,5 cm FRUIT FL. ?

Raw ? ? ? LEAVES

MAK. 10 Raw ? ? ? LEAVES

20 Raw ? ? ? LEAVES

Raw ? ? ? LEAVES

Reported edible

28
CAPPARACEAE

already

goale

as vegetable

23. NOV 1952

LIGULACEAE

CAPPARACEAE? *Kedebanya* sp. at Makop reported eaten. Boiled & then boiled. 01. XAM

23. NOV 5.

CYPERACEAE

already

CAPPARACEAE

26. NOV 1952. BURGAM

figum to eat gum acc (not / ?)

CUCURBITACEAE

Irvine: the Kanuris of north-east Nigeria appreciate the balsam apple (*Momordica balsamina*) for its bitter flavour.y!hosta tsubá tsubá
Rarely eaten

CUCURBITACEAE Ped. moochwa-ú-sipeéla

SAPOTACEAE

29

CAPPARACEAE

already

goale

as vegetable

23. NOV 1952

LIGULACEAE

CAPPARACEAE? *Kedebanya* sp. at Makop reported eaten. Boiled & then boiled. 01. XAM

23. NOV 5.

CYPERACEAE

already

CAPPARACEAE

26. NOV 1952. BURGAM

figum to eat gum acc (not / ?)

CUCURBITACEAE

Irvine: the Kanuris of north-east Nigeria appreciate the balsam apple (*Momordica balsamina*) for its bitter flavour.y!hosta tsubá tsubá
Rarely eaten

CUCURBITACEAE Ped. moochwa-ú-sipeéla

SAPOTACEAE

29

97
Maerua juncea PaxSNOW (Donaldson)
(Condamin)1,8-2,5 cm
x 2,5-3,5 cm

FRUIT FL.

MAK.

20?

Banga High

Maerua Schinzii PaxSWA. ?
MNNNARaw. (see *M. angolensis*)

MAK. 10

Boiled

1 seed

SEED

?? FRUIT FL.

? SEEDS

Mariscus capensis Schrad.var. *marlothii* C. B. Cl.

0,8-1,3 cm

FRUIT FL.

BOT. Raw.

Chewed - esp. by
children.

BASE OF STEM

? *Melothria cinerea* (Cogn.) A. Meuse

small trailer

MAK. 10
20 Boiled?

LEAVES ?

→ *Momordica balsamina* L.← { Quid (P. 72)
Irving 1952 p. 33.

Silb. p. 45 - Raw. (FRUIT FL.)

SWA

BOT.

MAK. 10

Raw

Boiled

LEAVES

? *Melothria*MAK. 10
20*Mimusops zeyheri* Sond.MAK. 10
20

robust climber

Raw

Boiled

0,8-0,9 cm
main tuber rounded → 30 cm.
rest irreg., even forked
→ 30 cm x 8 cm

TUBER

1,3-2- x 2-3 cm

FRUIT FL.

seed 1-4

IRIDACEAE

~~XAG 2288~~ - 3A33A330
M. (W) stations qdwn' dhlondhlwane
(W. Makondo)

MS. 2,5-8,1
MS 2,2-2,5 x

MAK. 10 Raw 1 seed

20. 1 seed

OCHNACEAE

~~XAG 2288~~ - 3A33A330
MS 2,5-8,1
MS 2,2-2,5 x
26222 (2288) Tala. wad !gala

MAK. 10 Raw 1 seed

20. 1 seed

OCHNACEAE

~~XAG 2288~~ - 3A33A330
MS 2,5-8,1 Tala. wad raw

MAK. 10 Raw 1 seed

IRIDACEAE

CUCURBITACEAE M. A. (2288) 3A33A330

MAK. 10 Raw 1 seed

20. 1 seed

OLEACEAE

~~XAG 2288~~ - 3A33A330
MS 2,5-8,1

MAK. 10 Raw 1 seed

20. 1 seed

? Moraea sp. cf. L.

subsp. enervis (Harv. ex C. H. Wright) Verdoorn

0,7-0,9 cm
0,9-1,2 cm

FRUIT FL.

MAK. 10

20.

Raw.

1 seed

CORM

Ochna pulchra Hook. f.

Ophioglossum - 3A33A330

PTER 2288

SWA

mm

BOT

MAK

10

Roasted-green 1,0-1,3

Boiled

FRUIT FAT

or FL.

Raw

Boiled

1 seed.

SEED

20.

Story (688)
native wild
spinach

? ROOTS

Ochna sp. zimantifolia - Salm Duck 3A33A330

A Raw 1 seed

0,8-1,3 cm prob.
FRUIT FL. ?

MAK. 10

20

Ochna sp. ? inermis MAK. 10

Oenostachys zambesiacus 20 (Bak.) Goldbl.

(= Pentamenes ?)

SEED prob.
FRUIT FL. ?

SWA mm

Botany 2.1.1. Schiz.

Roasted

3-6,5 cm. CORM

subglob. → depressed.

Olea africana Mill.

peduncle 3 LEAVES

Toxic all parts

some info lacking

0,8-0,9 cm prob.

x 1,0-1,4 cm.

1 seed

FRUIT FL.

MAK. 10

20.

Raw. as salad

not roasted

OLEACEAE

midland h'wane
(Mr. Makanda)

01 XAM

08 XAM

M902

POLYPODIACEAE

OPHIOGLOSSACEAE

TAN TING M901-01 More-hydrog.
09 10

6332

Story 12, 13. foliol.
B. Dary 74 - ref. to *O. reticulatum*

CALTACEAE

09 TING M901-01
09 10

6331

09 TING

ERIDACEAE (01) (02)

(S. amboense =)

LILIACEAE

M902 (M92, 3-8)
09 10

OLEACEAE

01 galise 09/10

09 TING M901-01 X
09 10

6331

Olea capensis L. *capensis* Tengmalm

subsp. *enervis* (Harv. ex C.H. Wright) Verdoorn

Roasted 0,7 - 0,9 cm
MAK. 10 Raw 1,2 cm.

20

0,7 - 0,9 cm
0,9 - 1,2 cm.
? FRUIT FL.
1 seed.

LEAVES

BULB

Roasted
Sometimes raw as salad

Ophioglossum sarcophyllum L. Desv. *sarcophyllum*

PTERIZDO.

(BOT.)

Raw.
MAK. 10

20

MAK. 10

20

0,8 - 1,0 cm
x 0,8 - 1,3 cm.

FRUIT FL.

Story (p. 14)
'various Native frds'
'spinach' 15 cm

LEAVES

? ROOTS

Opuntia megacantha Salm Dyck

(A)

Raw

3,5 - 4,5 cm.
x 5 - 8 cm.

FRUIT FL.

or seeds

MAK. 10

20

Ornithogalum amboense Schinz

BOT.

Raw

+ peduncle. ? LEAVES

Toxic acc. to
some informants
at Takat.

Raw - as salad;
not roasted

BULB

LILIALEAE

J 21.8.90 309

(Tagawa, H.) x S. Wohl

ghainta or? kanta

MS 9.0 - 9.1
MS 9.1 - 9.2
MS 9.2

W.A.M. or K.A.M.

OS

SANTALACEAE OPHEA (M. Phasmar) MS 22.8.90

W.A.M. (T.O.B.)

Flory 12, 13. or K.A.M.

(W.A.M.) white, ref. to O. lanceolatasubsp. lanceolata (Lam.) Hochst. & Steud.

MS 22.8.90

OXALIDACEAE (MS 22.8.90)

A

MS 21.8 - 2.9
MS 8 - 2 X

W.A.M.

or K.A.M.

OS

OXALIDACEAE enidz 22.8.90; MS 22.8.90

foliolate - T.O.B.

B.S.B.

Kalan. - W.A.M.
intoxic. forOrnithogalum longibracteatum Jacq. A. Form. 9

BOT.

J 20.8.90

Raw.

T.H. J - X

LEAVES

BULB

Roasted.

Sometimes raw as salad.

Osyris lanceolata Hochst. & Steud. J 22.8.90

Raw

0,8 - 1,0 cm
x 0,8 - 1,3 cm.

FRUIT FL.

BOT. osyra pop

W.A.M. intop

MAK. 10

20

!!
red → purp. black
- Palgrave 157.
(July - Feb.)
→ 1,5 cm !?Oxalis semilobata Sond. J 23.8.90

BOT. int side Raw.

MAK. 10 Raw

20

Raw ?

LEAVES

(1) LEAVES

(2) TUB. ROOT ?

Oxalis sp.

Raw

MAK. 10

20

LEAVES

POLYGONACEAE *antipodum* *antipodum*

C.K.T. p. 117

fobe astenior!?

LEAVES

BINA

hobea *hobea*

POLYGONACEAE *hobea* *hobea* *hobea*

10-15 cm
10-15 cm
10-15 cm
10-15 cm
10-15 cm
10-15 cm

goi nfao
gowi nfau

MAK. 10
20

POLYGONACEAE *hobea* *hobea* *hobea*

fobe kai or!?

MAK.

POLYGONACEAE

Oxygonum malatum Burch.

Reflexed roots or roots (Tahiti)
Polyne 1977 p 889-890

BOT.

Raw.

1-5 seeds

LEAVES

MAK. 10

20

Oxygonum canescens Sonn.

MAK. 10

BOT. 20 Raw

LEAVES

Oxygonum obreganum Meish.

on the Pacific Is.

BOT.

Raw

Raw (?)

(?) LEAVES ?

Raw ?

(?) TUB. ROOT ?

Oxygonum whismanii Treg.

BOT.

MAK. 10

Raw

MAK. 10 ?

20

? LEAVES

FR. GREEN ?

Rubiaceae

Fruit ... edible .. P/P. 245.

CAT-T p. 112

23VAB33

Gramineae

Poaceae

prob. as TOS

prob. ofao TOS

-govi ofao

Gramineae

Poaceae

SWA
BOT

23VAB33 (9)

TOSA . ENT (9)

Gramineae

Poaceae

SWA

WAD

23VAB33 ?

Pachystigma macrocalyx'The fruits are said to be edible (January to February)'
Pulgrave 1977, p 889-890

2-2.8 CM. FRUIT FL.?

Raw.

? 1-5 seeds

MAK. 10

20

Panicum deustum H. Thunb.

prob.

MAK. 10

BOT - 20

MAK. 10

BOT - 20

(Roxb.) 2-3.5 CM. FRUIT FL.

X 1.4-2 CM. S. CEDD (SACEDD)

1.3-3 CM.

Panicum kalaharensis MezBlanch. ex Steyermark
Bm. as Panicum sp. subsp. kalaharensis (Steyermark) R. Grah.

SWA SWA

BOT

Raw.

+ boiled (?)

2-2.8 CM. FR. - GRAIN

X 2.8-4 CM. 1 seed

Polygonum laeve

23VAB33 LEAVES

Panicum maximum Jacq.See Oenostachys but more correctly here (?) prob.

BOT.

MAK. 10

20

FR. - GRAIN?

SAPINDACEAE

~~xylosteum amplexicaule~~
TINNY M 88-89
2692-2-19

ROSACEAE

~~Dandu munitum~~ M 88-89

CHRYSOBALANACEAE

Inazani, Inahai

ROSACEAE

~~g. M. 22 munitum~~ M 88-89

CHRYSOBALANACEAE

n'aina or f (?)

GERANIACEAE

TRIDACEAE

~~g. M. 22 munitum~~ M 88-89

POACEAE

~~g. M. 22 munitum~~ M 88-89

~~g. M. 22 munitum~~ M 88-89

Pappea capensis Eckl. & Zeyh.

Raw.

0.9 - 1.3 cm. FRUIT FL.
?/ seed

MAK. 10 Raw

MAK. 10

20

Parinari capensis Harv.

subsp. capensis

SWA Raw 2-3,5 cm. FRUIT FL.

BOT. ? Raw. x 1,4 - 2
1 seed

MAK. 10 1,3 - 3 cm.

20

Parinari curatellifolia Planch. ex Benth.

subsp. mabola (Oliv.) R. Grah.

SWA Raw 2,2 - 3 cm

MAK. 10 x 2,8 - 4 cm. FRUIT FL.
1 seed.

Pelargonium lauridum

LEAVES

Pentamenes zambesiacus N.E. Br.

See Oenostachys; but more
correctly here??

SWA mabola (Oliv.) R. Grah. LEAVES

MAK. 10

ASCLEPIADACEAE

JA TING n!o:a or n!lo:a (?)
Story: n!o-su + n!wa-su Marshall: n!o-shu
(p.39) fguwa to fgoa (p.121) ... fowa

01. XAM

OS

ASCLEPIADACEAE

CK-T. p. 118 murahari

JA TING ka!gube - no record as to whether
or galobe eaten. (24332)

01. XAM

OS

SOLANACEAE

N (folia), glabrescens

MS E-215
JA TING MS N-8,2 X

01. XAM

OS

MADRASACEAE

(madraca) mairimadaf

Illiaceaceae

over 100+ (220+) 100+

suhundzum hitfо d zum

MS 200 MS D-8

fukudzum

Pentarrhinum insipidum H. F. Mey.

SWA. Raw (or "cooked")
BOT. Boiled? Roasted? - Story 5-10 cm IMMATURE
MAK. 10 Raw.
20

LEAVES

Pergularia daemia (Forst.) Choiv.

←? BOT. Not eaten
MAK. ? Boiled
20?

LEAVES

(+ young stems)

Physalis peruviana L.

SWA. Coll. No ref. to edib. 1,0-1,5 cm FRUIT FL.
BOT. ?
MAK. 10?
200

LEAVES

Pollia campestris Soland.

(SWA) dam/dan

BOT. Raw. FLAT, FLESHY FLORAL BRACKTS
MAK. 100+ - 08 = dayani to 100+
200 & 300 (UN) soft and no

FRUIT FL.

PORTULACACEAE

check:

Trälla /'ya:k, tsicall/gam

PORTULACACEAE

CH.-T. p. 118. - marahari

ka!gabe - no record as to eaten

or galabi - eaten

PORTULACACEAE

(A)

SWA. MD 2,1 - B,0

2000000

PROTEACEAE

RUBIACEAE

Acc. to informant, /kuta f'gabe, eaten. (?)
 Seen at intervals ± 30 - 10 miles
 on Lone Tree (NW) side of Kenya.

Portulaca kermesina N.E. Br.BOT. - ?

MAK.

20

prob.

LEAVES

STEMS

12-20-(20?) cm TUB. ROOT SAP

Portulaca moleracea L.

(A)

SWA. Noteaten. Rsm.
mann

BOT. ?

MAK. 10

20

Boiled.

LEAVES

& young stems?

Portulaca quadrifida L.

S.W.A. Coll. No ref. to edib. by Bushmen)

BOT. - ?

MAK. 10 ?

20

LEAVES

STEMS ?

Protea caffra

MAK. 10

Pygmaeothamnus zeyheri (Sond.) Robyns

NECTAR

2,4 - 3,5 cm

x 3 - 4,5 cm. FRUIT FL.

SWA. Raw

BOT. - ?

MAK. 10

20

1-2 stones

PERIPLOCACEAE 483 m KELWENIKE DISTANT

ASCLEPIADACEAE

!kai !kai + !kei !kei

{ story (p. 38) gives bi: / - this name // never heard.
- !sin or !klaen

AM

OS

PERIPLOCACEAE

ASCLEPIADACEAE

(A)

ZENAS
2000 ft. 2000 ft.

PERIPLOCACEAE

ASCLEPIADACEAE

(and 2000 ft. - like it for on No.)

AM

OS

MOTACCAE

PERIPLOCACEAE (2) 3000 m DISTANT

ASCLEPIADACEAE

MS. 2.5 - 3.5

TINAT M2 (2) 1-2.5 x 1 m. KAMBWA

2000 ft. S. document, Kukta forest, S. - (208) 28

Look at individuals & 3000 m DISTANT

on Lone Tree (N.W) side of Benya.

AM

OS

Raphionacme burkei N.E. Br. 1971 BAZAISANA

SNA. 10

mm

BOT. 20

Raw

± 0.5 cm.

FRUIT FL.

500 (-3) seeds

Rhoicissus ? Rawoidea (1733 BAZAISANA

flora?)

SAP

12-20-(30?) cm TUB. ROOT

Raphionacme

20

Raw

10-15 cm. FRUIT FL.

5 seeds 1-3

Rhoicissus tomentosa (Lam.) Wild BAZAISANA

Raphionacme

20

Raw

± 2.0 cm.

fruits 3 seeds FRUIT FL.

Stems fibrous

Rhoicissus tridentata (L.f.) Wild BAZAISANA

fruits round 2.5

seeds

Raphionacme zeyheri (Burm.) BAZAISANA

MAK. 10/

Raw

± 1.2-1.8 cm.

fruits seeds

FRUIT FL.

MAK.

Raw

± 2.5 cm

20

Raw

fruits seeds

TUBERATING

SAP

12-20-(30?) cm. TUB. ROOT?

RHAMNACEAE ACIDICARIAE SUBFAMILIAE

Edib. Jan.-March acc. to Palgrave 1977

p. 155

Thai (Thai) - *Phan*

if story (p. 38) grain bin - *Thi* new material

VITACEAE (Vine)

WAG

T009.8NTM(908)-08-81

ROSACEAE (Shrub)

ACCEPPIADACEAE

VITACEAE

ACCEPPIADACEAE

VITACEAE

P&P 232. ... 'thick tuberous rootstock'...

'many yards long, decorative at intervals
with tubers'.

Rheinhaus prioiodes L'Hérit.

MAK. 10

Raw

20

± 0,5 cm.
usu. 1 (-3) seeds

FRUIT FL.

Rhoicissus rhomboidea (E. Mey. ex Harv.) Planch.
(form?)

MAK. 10

20

Raw

10-1,5 cm.
? seeds 1-3

FRUIT FL.

Rhoicissus tomentosa (Lam.) Wild & Drummond

MAK. 10

20

Raw

± 2,0 cm.
1-usu. 3 seeds

FRUIT FL.

Stewed/boiled

Rhoicissus tridentata (L.f.) Wild & Drummond

MAK. 10

20

Raw

± 1,2-1,8 cm.
1-usu. 3 seeds

FRUIT FL.

NB. 62/3: 
± 12x5 cm.

→  40x30 cm.

TUB-BEARING
ROOT

Rhus dentata Thunb. 3A33A5GRASAWA

4-5 mm FRUIT FL.

MAK. 10 - Raw

20

Rhus dissolor E. Mey.

3A33A5GRASAWA

Raw

4-6 mm FRUIT FL.

MAK. 10 - Raw

20

Rhus eckloniana Sond.

3A33A5GRASAWA

Raw

4-5 mm FRUIT FL.

MAK. 10

20

Rhus lancaria Britt.

3A33A5GRASAWA

Raw

4-5 mm FRUIT FL.

MAK.

N. P. Polg. 20

Rhus intermedia Schrad. 3A33A5GRASAWA

Raw 20, sp. off fruit?

Raw

4-5 mm FRUIT FL.

MAK. 10

20

ANACARDIACEAE

ANACARDIACEAE

ANACARDIACEAE

ANACARDIACEAE

ANACARDIACEAE

Rhus dentata Thunb.

MAK. 10 Raw

20

Rhus discolor E. Mey.

Raw

4-5 MM. FRUIT FL.

(1 seed)

4-5 MM. FRUIT FL.

(1 seed)

MAK. 10 ~~Karizal~~ ~~Arasawa~~ 3A33A2G3A3A3A

20

Rhus eckloniana Sond.

MAK. 10 Raw

MAK. 10

20

Rhus engleri Britt.

Raw.

4-5 MM. FRUIT FL.

(1 seed)

4-5 MM. FRUIT FL.

(1 seed)

MAK. 10

N. J. Potg. 20

Rhus intermedia Schonl.

? Butt Davy II. sunt?

Raw. OR sp. aff. pyroides?

MAK. 10

20

4-5 MM. FRUIT FL.

(1 seed)

4-5 MM. FRUIT FL.

(1 seed)

11. JATINRAT
009 2009 2009
ANACARDIACEAE O 4.5M. 3ft 2009 2009

JATINRAT MM 2-4
(2002-1)

WAG 01.XAM
02

ANACARDIACEAE 4.5M. 3 rotosito 2009
JATINRAT 2009

JATINRAT MM 2-4
(2002-1)

ANACARDIACEAE 4.5M. 3 rotosito 2009
02

ANACARDIACEAE 4.5M. 3 rotosito 2009

JATINRAT MM 2-4
(2002-1)

ANACARDIACEAE 4.5M. 3 rotosito 2009

JATINRAT MM 2-4
(2002-1)

WAG
XAM
02

ANACARDIACEAE 4.5M. 3 rotosito 2009

JATINRAT MM 2-4
2009 2009 2009 2009 2009 WAG

JATINRAT MM 2-4
(2002-1)

WAG 01.XAM
02

Rhus lancea L.f. 3A333333-FIANA

Raw

Raw

4-5 mm. FRUIT FL.
(1 seed)

MAK. 10

20

Rhus leptodictya B.Diels 3A333333-FIANA

Raw

4 mm. FRUIT FL.
(1 seed)

MAK. 10

4 mm

MAK. 10

20

Rhus lucida L. B.Diels 3A333333-FIANA

Raw

Raw

4-5 mm. FRUIT FL.
(1 seed)

MAK. 10

20

Rhus magalismontana Sond. 3A333333-FIANA

Raw

Raw

4-5 mm. FRUIT FL.
(1 seed)

MAK. 10

20

Rhus ?franciscana Eng. 3A333333-FIANA

Raw

Raw

ANACARDIACEAE

JULY 2019

SA TING
(S3321)

W.R.

01. HAM

OS

ANACARDIACEAE

JULY 2019

SA TING
(S3321)

W.R.

01. HAM

OS

ANACARDIACEAE

JULY 2019

SA TING
(S3321)

W.R.

01. HAM

OS

ANACARDIACEAE

JULY 2019

j'goro' = Barakwengo . LeR. (p. 32)

SA TING
(S3321)

W.R. fgoro click?

//can

01. HAM

OS

ANACARDIACEAE

Rhus pentheri Zahlbr.4 mm FRUIT FL.
(1 seed)

MAK. 10

20

Raw

Rhus pyroides Burch.FRUIT FL.
(1 seed)

MAK. 10

MAK. 20

4 mm

Raw

3-4 mm

Ricinodendron rautanenii (SAB) A.S.G.H. & N.E.Rhus spinescens DielsFRUIT FL.
(1 seed)

BOT - NORTH

SWA.

Raw

roasted

4-5 mm.

Ricinodendron rautanenii (SAB) A.S.G.H. & N.E.Rhus feuilliervis Engl.LEAVES
= R. marlothii stems

SWA

BOT.

SAC. topic?

Raw

to

4-5 mm

FRUIT FL.
(1 seed)Rhus? transvaalensis Engl.FRUIT FL.
(1 seed)

MAK. 10

20

Raw

4-5 mm.

ANACARDIACEAE

NAM 1979

JA TINAK

(2022)

W.M.

W.M.

01. XAM

OS

ANACARDIACEAE

NAM 1979

JA TINAK

(2022)

W.M.

01. XAM

OS

EUPHORBIACEAE

story (p30) - //ka:

LeR. (p.32) !gha (Norekau), gixa (Kung)

JA TINAK

(2022)

W.M.

W.M.

CRUCIFERAE

ANACARDIACEAE

NAM 1979

HIPPOCRATEACEAE

NAM 1979

(2022)

W.M.

W.M.

T.O.

garase:

goroshay - Marshall
(P119)

ANACARDIACEAE

NAM 1979

JA TINAK

(2022)

W.M.

W.M.

OS

Rhus undulata Jacq. var. undulata R.30993H

Raw

4-5 mm. FRUIT FL.

x 2, 2-3, 5 cm.

(1 seed)

MAK. 10

20

Rhus sp. indet.Sarsaffieeburnearia; Schonl. Diatec
Intentionally deleted
from 1974 & 1981
lists!!

Raw.

? 4-5 mm FRUIT FL.

MAK. 10 story (p. 17)

BOT. 20 (size) (size)

MAK. Raw.

Ricinodendron rautanenii Schinz

(RHIZOME)

SWA Ricinodendron Raw, fathered 3,0-4,5 cm FRUIT FL.

BOT. - NORTHERN Raw, boiled, 2,5-3,5 cm. SEED FRUIT ?
or roasted. 484.1

nr. Ellisras, T.V.

Rorippa nasturtium-aquaticum

(A)

MAK. 10 Raw

20

LEAVES

+ young stems

Salacia juebertii Loes.
Jübertii Loes.

S.W.A

Raw

2,5-3,8 cm. FRUIT FL.

1 seed - large

HIPPOCRATEACEAE

37 TINAA MM 2-4
(no 21)

LICIACEAE

37 TINAA MM 2-4
(no 21)

/gai, /xei

EUPHORBIACEAE: *Musotoma nyikarhanisi*

Story (p. 30) - aff. K'azan

ASCLEPIADACEAE

STORY (p. 40): "ave
records from the Cape Province,
Natal and the Transvaal that the stems
and fruits of this plant are eaten by the
natives either cooked or a vegetable or raw
as a salad, and I have eaten the raw stems
in the Cape Province! 'poisonous strain of
it which is not visibly distinguishable from
the edible one (Dyer, 1937: 123); 'The Bushmen
said that they never used it for food.'

GRAMINEAE

POACEAE

HIPPOCRATEACEAE

37 TINAA M 3,8-2,5
no 21

MM 2-4
no 21

MM 2-4
no 21

Salacia rehmannii Schinz

Raw 35-5 cm FRUIT FL.
x 2,2-3,5 cm.

MAR. ?

20

Sansevieria scabrifolia Dinter

CWA 35 = ?

SWA ? Story (p. 17.)

BOT.

MAK. 20

Raw. 20-40 cm
x 2,5-4 cm. (RHIZOME)

Sarcostemma viminale

SWA

BOT. No ref. to eating.

MAK.

MAK. 10

Raw. 20

Sarcostemma

Solanum giganteum

MAK. 10

Schmidtia pappophoroides

MAK. 10

Raw. 20

form
looked
at raw

(←? STEMS?)

prob.
FRUIT FL.

prob.
FRUIT FL.

0,5-0,8 cm. FRUIT FL.
500 seeds

LEAVES?

LEGUMINOSAE CAP. 34132

FABACEAE

Subfam. 2 CAESALPINIOIDEAE
s. latifolia

BD II - Polignac - S. Afr. p. 275

P & P: "They cook the beans so that the outer red skin
peels off, for this is somewhat astringent. They also
roast them under the coals and pound them into a
meal which they cook. When eaten with green they
are also pleasant to the taste" - Wicker's descrip.
of how Hottentots along the Orange River eat them.
"distinctive fatty aril".

ANACARDIACEAE

LILIACEAE 34132 - gai:i Story (p. 30)

gai:i

(S. A.) exct. raw

Acc. to Taket. (Rö) : gai:i, gahai
but out of their area.

EUPHORBIACEAE

34132

Prob. from the Cape Province
Native and non-indigenous species
and fruits of this plant are eaten by natives (S. A.) cooked as a vegetable or raw
by the local tribes I have eaten the raw stems
in the Cape Province? Some persons seem to
think it is not easily distinguishable from
the edible one (Dyer, 1933: 123) but the Bushmen
say that they never used it for food.

SOLANACEAE

34132

PEACEAE

34132

34132

34132

34132

34132

34132

Schoffia brachypetala J. Sond.

MAK. 10 Raw

20 Cooked

MAK. 10 Roasted

20 Raw

SWA seeds

Pod. 6-12 cm

x ± 4-5 cm

seeds flattened,

several (-6-) ± 2 cm.

FR. SEEDS

seeds edible. P & P II 5856 cm

NECTAR

Sclerocarya caffra (Sond.) Bak.

SWA seeds Raw

(BOT) NORTH & MID

MAK. 10

20

3-4,5 cm. FRUIT FL.

1,8-3 cm. SEED(S)

80 km. NW of Potgietersrus

Securinega virosa (Willd.) Pax & K. Hoffm.

Raw

MAK. 10

20

Setaria

Solanum giganteum

MAK. 10

20

Solanum nigrum

Solored.

SWA

Raw

MAK. 100

20

Raw?

Roasted?

20

near N.E.B.

Stapelia probab. gigantea over about 1 m. tall.

(van der Linde) ... is part edible?

6,5-12 cm. FRUIT FL.

0,4-0,7 cm. SEEDS

FRUIT FL.

prob.

FRUIT FL.

7-15 cm. (FRUIT)

0,5-0,8 cm. SEEDS

FRUIT FL.

LEAVES ?

cont. edible?

- 521
- COMPOSITAE** *Balot* *Altagadura* *nitidus*
- ASTERACEAE**
- Lippia Lublana, CLEIOPALPANOIDAE
MS 31-8 Not
- 263326-#7 *Pelargonium* ²⁰ *petit p'tis* wild
- ASCLEPIADACEAE** *!a! gant*
- peels off, *gant* is somewhat like *gari*, but not so much
taste like *gari* but more like *gari*. It is
sweetish and very juicy. Like *gari*, it
has a thin skin which easily peels off. The
taste is like *gari* but more like *gari*. It is
sweet and juicy. It is *gari* but not as sweet.
- 263328 *LOGANIACEAE* *Balot* *nigra* *Pyrenaria*
- gai* Story (p. 30)
- 19 TINAF MS 2.0-2.5 *!no !kanga* AW
- (26332 MS 2-8.) *gai* *gari* *garni*
According to story (Kö) *gai* or *garni*
but out of their areas.
- LOGANIACEAE** *MS* (AW) *gari* *garni*
- 19 TINAF MS 2.0-4.0 *WA*
- 26332 *gai* *XAM*
- 01 *XAM*
- 02 *garni*
- 03 *garni*
- 04 *garni*
- 05 *garni*
- LOGANIACEAE** *Mixta* *garni* *garni*
- 19 TINAF MS 8.0-9.0 *WA*
- 26332 *garni*
- 01 *XAM*
- 02 *garni*
- ASCLEPIADACEAE** *A*
- No sorgnams (cult.) grow wild at Mkgst.
Sporobolus capensis Poss. edible spikelets/grains
- 129
- Sonchus oleraceus** Bolus *BASILARIS*
- A? 6-9 cm.
or seeds
- MAK. 10 Raw
- * → 20 *Stapelia gigantea*, MAK. 10 ? 20, poss. edible stems
- ? *Stapelia raga* N.E. Br. (= *Caralluma hahnii* & *C. nebrownii* Beyer)
- SWA Roasted. 2.5-4 cm "FLESHY STEMS"
- Strychnos cocculoides** Bak. *FRUIT FL.*
- SWA Raw. wet 6.5-10 cm. FRUIT FL.
(BOT.) Seeds
- Story (p. 38) 136 m. NW of
Molepolole, for next 35 miles.
- 80 km. WSW of Potgietersrus
- Strychnos madagascariensis** Poir. *FRUIT FL.*
- Raw 6.5-12 cm
Seeds
- MAK. 10
- 20
- Strychnos pungens** Soler. *FRUIT FL.*
- (SWA) Story (p. 38) (?) 7-15 cm (FRUIT)
(BOT.) CKT. (p. 118) Raw
Seeds.
- MAK. 10 ? Raw
- 20
- MAK. 10? Raw? Roasted?
- 20 NEBr. N.E.B.
* *Stapelia* ? *nobilis* ? *gigantea*? occ. about Potgietersrus & rep. at
Mkgst. (van Riet Lowe) ... is poss. edible.
- FLESHY STEMS?

LOGANIACEAE

ASTERACEAE

231A3J

ASCLEPIADACEAE
(Asclepiadaceae S. & related smaller S.)

PORTULACACEAE

Story: //gwi-ja (p. 20)
f'guija or //gija
y//ha:n kai (TOP)

11.2 - 15 cm
Raw.

PORTULACACEAE

11.2 - 15 cm
Raw.

PORTULACACEAE
CK-T. p. 117.
(TOP) (?) 11.2 - 15 cm
Raw.

Raw.

ASCLEPIADACEAE
(Asclepiadaceae S. & related smaller S.)

Raw.

Strychnos spinosa Lam. Dtr. 333333333333333

(BOT.) NORTH Raw

MAK. 10
20

Lee p. 109.

6-9 cm.
seeds.

FRUIT FL.

LEAVES
(+young stem tip)

Talinum Narbonicum Hook. f. (Sand.) 333333333333333

SWA
Raw

BOT. MAK. 10
20

1.8 - 2.5 cm.
seeds.

FRUIT FL.

LEAVES
(+young stem tip)

Talinum sphaeroides (Eckl. & Zeyh.) 333333333333333

Raw.

MAK. 10 Sometimes roasted.

20 3.5-5 cm TAB. ROOT

linear (occ. elongate)
x 6+ cm)

? LEAVES

Talinum crispatulum Dtr. 333333333333333

SWA
Raw.

BOT. Roasted

FRUITING BODY
(FARINA)

LEAVES
+ young stem tips

PORTULACACEAE

Story //gwi-ja (p 20)

(?)

fguifa or //guifa

g//ui g//am

RUBIACEAE

Story //gwi-ja (p 20)

(?)

fguifa or fguifaw

g//asa kai

234A33
+ m22H208+

ASCLEPIADACEAE

! goala
! goala

FUNGI. ASCOMYCETES

FAM. TUBERACEAE

Story //gwi-ja

fguifa or //guifa

234A33
git m22H208+Talinum tenuissimum Dtr.

SWA

BOT

MAK. 10

20

Raw

Raw.

LEAVES

(+ young stem tips)

GUM

Tapiphyllum parvifolium (Sond.) Robyns ex Good

SWA

Raw

1,8 - 2,5 cm.
1-5 seeds

MAK. 10

20

FRUIT FL.

P.D. 234

20

GUM ?

Tenaris schultzei (Schltr.) Phill.BOT.

Raw sometimes roasted.

3,5-5 cm.

TUB. ROOT

(occ. elongate " x 6+ cm)

Terfezia pfeileri

● FUNGI. ASCOMYCETES.

BOT.

MAK. 10

20

Roasted

cooked for tea with other potsherds

FRUITING BODY
(FUNGAL) m?

Tricholoma (Westerholme) long

MAK. 10

20

COMBRETACEAE (2) *Mimosa* *mimosa*
Shag Igwi-ja (p. 20)
Lgai-ja or *ffaw*
ffui ffui TOP

22VA3A
 mtozmoet
 29it

COMBRETACEAE (2) *Mimosa* *mimosa*

27 TSNAA

MS 2, 5 - 8, 1
 26932 2, 1

MS 2, 9

01, KAM

80

COMBRETACEAE (2) *Mimosa* *mimosa*

Iki, !ke: *Mimosa* TOP
botzbotz *watipot*
gigigig

TOP. 8NT

ULMACEAE *Tremella* (MS + 2 x)

ZYGOPHYLLACEAE

FAGACEAE

YAOZ ANTSNAZ
 (GASUNG)

TURNERACEAE

Terminalia brachystemma Nelw. ex Hiern

SWA. Raw

MAK. 10

20

Roasted 20-30-2 cm GUM ROOT
 x 30-60+ cm

LEAVES ?

? Terminalia prunioides Laws.

SWA.

(BOT.) NORTH. Lee (p. 109)

MAK.

20 ? NOT?

P & P. 234

GUM ? ✓

Terminalia csericea Burch. ex DC.

SWA.

BOT

MAK.

20

Trema orientalis Raw Roasted. 30-60 cm. GUM. ROOT
 MAK. 10?

Tribulus terrestris

Silberb. p. 46. Raw. (LEAVES)
 (Not at Takat.)
CK-T. p. 117

A? Quin (p. 78) FR. LEAVES

MAK. 10

20

cooked together with
 other pot-herbs.

STEMS?

Tricliceras (*Wormskjoldia*) *longepedunculatum*

MAK. 10 ?

Poss. edib.? but observe drug

20

ROOT

CUCURBITACEAE

Marshall (p. 111) as *T. debilis* (Sond.) Hook. f., n. f. wara
n/nara

234A33

CUCURBITACEAE

(MNG, 234A33 (TGB))

234A33

LEGUMINOSAE

FABACEAE

Subfam. CAESALPINIOIDEAE tsi:utsin

mfnam

(TGB) nra

234A33

LEGUMINOSAE

FABACEAE

Subfam. CAESALPINIOIDEAE

(TGB) nra

234A33

Thespesiaceae (Gibberellaceae) 234A33

234A33

Trochomeria macrocarpa Hook. f.

S.W.A.
minim
(BOT.)

MAK. - Cult. His sp.?

20

Roasted. - 20-30-? cm TUB. ROOT
x 30-60- cm

*Trochomeria**Tylosema esculentum* (Burch.) Schreiber

S.W.A.
minim
BOT

Roasted. 1-3 (-6?) seeds. FRUIT SEEDS

MAK. 10

20

Roasted. 30-60 cm. TUB. ROOT

Tylosema fassoglensis Burch.

(BOT) nra

MAK. 10

20

Pod $\frac{1}{2} 4-7$
 $\times 3-4$ cm.

seeds 1-2-(3-?) FR. SEEDS ?
OOOO
16-26 mm long.
 $\times 3-5$ mm thick.

Is the tuberous root
edible ?

TYPHACEAE (Cent.) 200 ft airmohort

manu (lun) or T. difflua (land) Hout. f. airmohort

Story 1958 (13): [Dinter (1912:17) rhizome is thickness
of one's finger and about 2 feet long... may after drying &
roasting, be beaten to a reddish meal which is rich
in starch & may be used in the same way as meal
from cereals.] ... starch does not crumble easily.. full
of flour.. removed by sifting. Boiled.. brown porridge
of good quality but diff. glutinous.

LILIACEAE airmohort

//kla: /kinta , //ha /kanta
//xa fnta

RUBIACEAE (A. 1958) matahosa amzoly

FABACEAE

Cupam. CAESALPINIACEAE leaving
26332 (s.d)-E-(sch)21 matahosa

7009.BNT .MJD-08 matahosa

RUBIACEAE (B. 1958) 2123120222 amzoly

FABACEAE

Subfam. Mimosoidea leaving

26332 - 87 (s.d)-S-1 matahosa
00000
00000
00000
00000
00000
00000
00000
00000

For wordlist mt mt
For wordlist mt mt

Typha capensis Lades K. Schum. 3A33A33A

(A)?

(S.W.A.) Story (1958, 13)

BOT.?

MAK. 10

20

Raw.

Boiled

est. 1.8-2.5 cm. FRUIT AL.

est. 10-15 seeds

FLOWERS ♂

RHIZOME

Urochloa

? Urginea sp. nov.

BOT.

MAK. 10

20

Raw.

4-9 cm BULB

Urochloa

Vangueria latifolia Bak.

S.W.A.

(BOT.)

MAK. 10

20

Root (leaving) 2-3 cm
2-5 seeds

FRUIT FL.

Raw

Roasted in ravi.

Several 2.5-5 cm

ROOT TUBERS

x 2.5-15 cm.

Vangueria infausta Burch.

S.W.A.

(BOT.)

MAK. 10

20

20-30 mm.

FRUIT FL.

2-3-5 seeds

Roasted 15-2 cm.

x 30-60 cm TUB. ROOT

Rubiaceae

(N)

mangor mang

(2.828) (20) /guri? (?)

Story 1958 (18). Dinter (1923, p.) ethnogr. notes
 A man's finger and about 2 feet long root of a plant
 is said to be good for a cold. When XAM
 is dried & cut by hand in the sun it is said
 that it does not taste so bad. If
 the skin is removed by cutting, it is said to be
 good for a cold. It is also said
 to be good for a cold but don't eat it raw.

Compositae

Asteraceae

Hka:ftinta, Hka:ftintas
 Hka:ftintan

Leguminosae

Fabaceae

TINA Subfam. PAPILIONOIDEAE

fa:

MAK. 10

ss

Leguminosae

Fabaceae

TINA Subfam. PAPILIONOIDEAE

Story (p. 27) ga-ni

ka-ni

g/ha:nan, g/ahan (20)

Vangueria laesioclados K. Schum.SWA
num

Raw. Raw

= 1,0 x 2,0 cm.

est. 1,8-2,5 cm. FRUIT FL.

est. (1)-3-5 seeds.

MAK. 10

20

30

40

50

SWA num

BOT. intacto

MAK. 10

20

Roasted 24(-5) cm ROOT TUBERS

prob.
LEAVESVigna lobatifolia (Bak.) Wight

= Trichoceras

SWA.
num
(BOT.)Roasted
Raw?5-13 cm.
x 6,3-0,4 cm. FR. SEEDS
? ± 10-20 seeds

Roasted or raw.

SEVERAL: 2,5-5 cm ROOT TUBERS
x 2,5-15 cm.Vigna unguiculata (L.) Walp. sens. lat.SWA
num
BOT.

MAK. 10 ?

Roasted
Raw?5-12 cm
x 0,3-0,4 cm. FR. SEEDS
? ± 10-20 seeds.
± 3 mm.

20 Roasted. 1,5-2 cm.

SLENDER
x 30-60 cm TUB. ROOT

Tina Trichoceras (Wormskjoldia) longipetiolata

VERBENACEAE

MID 22.7 20332.92 (S) Mombasa

SA TINAZ. MJ 2,5-3,1 X
20332 2-8-11 X

THECOPHILAEACEAE

ASTERACEAE

(Digitaria diversifolia)

? A

tſün

g̃fati

01. XAM

02

TURNERACEAE

MID 21-2
20332.92 (T) MJ 10-13 X
20332 05-01 X

yuijati

(TOB)

WAT no botanist

2933NT TOOB MJ 2-2,5 X
MJ 21-2,5 X

OLACACEAE

MID 21-2
20332.92 (T) MJ 10-13 X
20332 05-01 X

fgoi or fgui; also? l. (Kungu)

X. caffra known to Tafat. (Kö), but not
this sp. (Kungu)

TOOB SUT MJ 08-08 X

Vitex mombassae Vatke

± 1,0 x 2,0 cm.

? 1-4 seeds

FRUIT FL.

MAK. 10

20

Walleria nutans Kirk

= W. muricata N.E.Br.

SWA.

MID

MAK. 10

20 Roasted 2-4 (-5) CM. ROOT TUBERS

* (Wormskjoldia acutifolia) Dtr. & Urban.) MAHA
= Triclieeras.

BOT.

MAK. 10

Raw?
Roasted?

20

25-50 CM ? TUB. THICK. ROOT
x 1,5 - 2,5 + ? CM.Ximenia americana L.

SWA Raw

1,8-2,8 CM FRUIT FL.

BOT. LeeGo. CKT (P17)
NORTH & MID?

x 1,2-1,8 CM

MAK. 10

1 seed

20

* SEE ALSO Triclieeras (Wormskjoldia) longipedunculatum

OLACACEAE

Marshak (p 120) gives 1/30e

By Takat. (Kō furi, fudi; known to them put out of their area.)

ARACEAE

2A38NT TOOR ms (2) + s RETROD 0C

RHAMNACEAE nfa: *Ziziphus mucronata* Willd.

nfa: stars (p 32)

nfa: , yfa
yfa: !kei, !eri

TOOR. KINT. BNT. S MS 02 + 20
MS 9 + 2,5 = 2,8 X

RHAMNACEAE

13 TINAR MS 8,5 - 8,7 #930 x 16,9 (TAKAT)
MS 8,7 - 9,1 X (CERT) TAD (BOT) 333
X. caffra TAKAT for Takat furi, but 333M

13 TINAR MS 8,5 - 8,7 #930 x 16,9 (TAKAT)
MS 8,7 - 9,1 X (CERT) TAD (BOT) 333
X. caffra TAKAT for Takat furi, but 333M

Ximenia caffra Sond.

SWA Raw 2,5 - 3,5 cm · FRUIT FL.
BOT N. Lee(108) x 1,5 - 2,3 cm
MAK. 10 1 seed
20

Zantedeschia

? *aethiopica*
? *albomaculata*

MAK. 10

20

2,3 - 8 cm.

FLESHY RHIZOME

Ziziphus mucronata Willd.

SWA Raw. 0,9 - 2 - (2,8) cm. FRUIT FL.
BOT 1 seed
MAK. 10
20

Z. zeyherana

cert.!!
prob. Raw. 0,9 - 2 + cm FRUIT FL. ?
1 seed
MAK. 10
20

241

Mandib (p. 120), gives 1/2000

JA TINGA - CN 2, E-8-2
By Total (100) (80) (700) →pg 146 - 167 blank →
AM

OS

ARACEAE

Spathiphyllum
? spathiphyllum

WAK

OS

MS 3-8-2

BROMELIACEA

RHAMNACEAE - Hilli stanleyi

JA TINGA (MS) (8,5)-20-20 wet area, AM

1000

WAK

OS

S. 2024/2025

DIURHANNAEAE

JA TINGA MS + S - P.D. wet

1000

WAK

OS

R.B. LEE 1965. DOBE
pp. 108-110

NORTH BOTSWANA
(NW. - SWA)

D.108. *Fockea monroi*. ROOT. Prob. = *F. angustifolia*.

Coccinia sp. (or *Trochomeria* sp.). ROOT ?

Eulophia sp. } ROOT ? } Prob. recorded

Eulophia sp. } ROOT ? }

Lapeirousia coerulea (BULB) CORM

Coccinia sp. ROOT ?

Combretum meehowianum GUM

- almost cert. = *C. collinum*.

D.109 ↗ *Cyperus* sp. BULB

Dipeadis sp. BULB

Grewia subspathulata N.E.Br. Noted fr TVL! BERRY
+ Bot.

↗ * *Grewia* sp. BERRY

Mukia maderaspatana (recorded as
Kedrostis sp.) LEAVES

Raphionacme sp. ROOT

Vangueria longicalyx FRUIT Prob. recorded as
V. lasioclados

Cucumis sp. ROOT

Lapeirousia sp. BULB (CORM) poss = *L. elegans*??
of Marshall.

Nymphaea sp. ROOT.

Amaranthus sp. LEAVES. (Recorded only TVL)

↗ *Combretum psidoides* GUM

* *Grewia* sp. BERRY

** See above. At least one 'Grewia' sp. is consid.
unrecorded. FRUIT

Undetermined:

3 ROOTS. todi, !gwi, Haizeri

KALAHARI FOOD PLANTS.

- OTHER AUTHORS. NOT ALPHAB. 169

NOT CLASSIF: SEE P. 168 (opp) LEE; P. 174 TANAKA.
FRUITS

BOT. Royena sericea Bernh.

(Story p. 37)

Berchemia discolor

(Re R. p. 77 as *Phyllosciton discolor* (Klotzsch) Herzog)

FRT.

- also Bm. Mosarwa FRT.

25 MAY 2003 TARRHAJAK
PDI BAHASA SOKA 290NTA RANTO -

Kigelia pinnata (Jacq.) DC.

Seeds: Fried in hot ash, opened and the
centre portion eaten. *Le R.S.* (p. 75)

Fulaphis sp. ROOT (58.9 gms)

Phoenix reclinata Jacq. seed: Edible.

(20.2 kg) ~~raw~~ ~~boiled~~ ~~steamed~~ ~~roasted~~ ~~etc~~ *Le R.S.* (p. 77)

Coccinia sp. ROOT ?

Combretum mollissimum GUM
- almost cort = *C. collinum*.

Cyperus sp. BULB

Dipcadi sp. BULB

Breweria corymbulata BURM. natural fruit 7.1 FRUIT

with *Breweria* sp. BURST

Morchia madagascariensis (Lamotte) *Le R.S.*

Raplochilus sp. ROOT fresh recorded

Vangueria longibalyxi FRUIT *Le R.S.* (not recorded)

Cucurbita sp. ROOT *Le R.S.* (not recorded)

Lapeirousia sp. BULB (bulb) *Le R.S.* (not recorded)

Nymphaea sp. ROOT *Le R.S.* (not recorded)

Annona sp. LEAVES (recorded) *Le R.S.*

Peristylus rigidoides GUM *Le R.S.*

Breweria sp. BURST

34 kg char. At least one *Breweria* sp. could be recorded.

undetermined:

3 ROOTS fedi, fulwi, Haizi

LEAVES / STEM

(25.4 kg) ~~raw~~ ~~boiled~~ ~~steamed~~ ~~etc~~ ~~roasted~~ ~~etc~~

Aloe sp. (near *franvaalense*) (moisture) app. LEAVES
(51.6 p. 44)

GRAINS

UNDERGROUND PARTS

Mariscus congestus L.B.C. raw/roast. BULBS
Story (pp. 13-14)

Hydroca sp. BULBS Raw (54.0 p. 19-20)

Ceropeltis sp. near *C. leucotaeina* K. Schlechter 8200
(*Story* pp. 40, 41)

Ceropeltis sp. BULBS *Le R.S.* (not recorded) *Le R.S.*
(*Story* p. 41)

LEAVES / STEMS.

Kigelia pinnata (Jacq.) DC.

Ficus pygmaea Fr. Welw. ex Hiern. ~~seen~~ specimen and notes
Lvs. boiled & eaten. Fruits edible. (See R. (p. 73))

Phoenix reclinata Jacq. Seeds edible.
Leaves eaten. (See R. (p. 77))

BOT. *Aloe* sp. (near transvaalense). 'moisture' app. LEAVES
(Silb. p. 44)

SWA *Stapelia kwezensis* N.E. Br. Raw or roasted. STEMS
Nama nr. (Story p. 42)

UNDERGROUND PARTS.

Mariscus congestus C. B. Cl. raw/roast. BULBS
Story (pp. 13-14)

Hydrocera sp. Raw SUBT. FRUIT
(Story pp. 19-20)

SWA *Ceropogia* sp. near *C. leucotaenia* K. Schum. Roast. TUB. ROOT
Nama (Story pp. 40, 41)

SWA *Ceropogia* sp. near *C. lugardae* N.E. Br. Roast. TUB. ROOTS
Nama (Story p. 41)

cont'd from p. 175.

851
1978?
CK. Tanakai. CENT. KAL.
p. 117 *Brachystelma* sp. //ore. prob. = Marshall (109) //ore
for boiled & eaten. Fowl edible. Le R. (p. 73) (see opp.)

" *Brachystelma* sp. //ao TUBER } KNOWN spp?
" *Brachystelma* sp. //kaya TUBER } (recorded)

BOT CK.
Huerniopsis decidens //kaya ??!! STALK
Strophocarpus sp. f tabazana TUBER (see note)
Vigna longiloba BEAN (pp. 9, 412)
Vigna parviflora TUBER
p. 118!
Aloe littoralis STALK
Reynolds p. 330. A. rubrolutea v. closely allied to
A. littoralis (Angola...).

Commiphora africana (see note C. pyracantha in main text) TUBER
(sec note C. pyracantha in main text) (see a prob.)
Eriosema cordatum TUBER g#ao
Eriospermum sp. BULB fkon /uru
Eulophia hereroensis (recorded?) TUBER /kauguna
Solanum rautanenii STALK, LEAF manchu
Stapelia gettleffii STALK
Vigna sp. (recorded?) TUBER fide

ALSO: (p. 118): 2000-2030m

unidentified:

bulbs 4. (one + stalk) 2000-2030m
tubers 5 (41-45, 49) 2000-2030m
(stem?) stalk 1 2000-2030m
- 1 (45-49, 49) 2000-2030m
fruit 1 (internal) 2000-2030m, 42 2000-2030m
(12)

* SEE NOTE re CONFUSION? OF CUCAMAS spp.
on p. 185

SWA. *Peropogia* sp. near *C. mozambicensis* Schltr.
Nama (nr) (Story, p. 41)

175
Roast. TUB. ROOTS

SWA *Brachystelma* sp. //ore

(Marshall p. 109)

SWA *Lapeirousia odoratissima* Bak. //geit'ama content
(Marshall p. 111). 'corm is juicy; eaten for water.'

SWA. ? /dobi - prob. luffa. (Marshall p. 112)

Roast.

TUBER

CORM

TUB. ROOT

BOT. *Brachystelma barberiae*.

(Silb. p. 44)

BOT. *Cyphia stenopetala*

(Silb. p. 45)

Roast. TUBER

Raphia massaiensis Taub. subsp. obovata
Roots 'Boiled in water & left next to the fire. It is drunk as a delicacy' Le R. (p. 71)

GUMS / NECTARS

* NOTE. Gum *Guibourda coleosperma* 'secreted during September, is added to the food of the enemy in order to poison him.' Le R. (p. 75)

Albizia anthelmintica (A. Rich.) Brongn. GUM
CK.T. p. 118.

GUM

also *Selva ssp.* (p. 175)

251 *Mallotus applanatus* D. YOUNG (12, 1967) 892

27008 (1967) ADOBE, CAL. (12, 1967) 892

247 *Brechistoma sp.* HAO prob = Marshall (1967) 892

37911 12 sunflower 892

38NT *Brechistoma sp.* HAO (prob. of *B. diversifolia*)

Brachistoma *var. diversifolia* (various) 892

MNOS prob 176 - 180 blank

15 *Ahernia peltata* (Lam.) STAL. 892

BOT 2004 NT *Boehmeria peltata* 2400 (12, 1967) Not name

CR 2004 NT *Pignal longiloba* 2400 BEAN

2004 NT *Vigna peruviana* TABER

2481 37911 12 sunflower 892

Ruellia p. 330 *A. rubroflava* v. closely allied to
A. littoralis (Aug. 1967) 892

Comiphora affinis (Lam.) ~~1200~~ 892

3865c *C. pyramidalis* in flwr 892 (24.9. 1967)

3876c *Eriosema cordatum* TABER

Eriostemon sp. 1200

~~Strophocarpus~~ (Leucanthemum) (1200) 892

Solanum (1200) 892

Stepelia gettiffenae 892

2004 NT *Vigna* sp. 29973A VERNALIS TABER

var. latifolia? irregular shrub 1200 892

2004 NT *V. latifolia* 1200 892

A (600-1200) 892

unidentified 892

MNOS *bifolia* (Lam.) (1200) 892

tuberos 5

(892) 892 892

892 892 fruit 892

(12) 892

892 892 892 892 892 892 892 892

EDIBLE AFRICAN PLANTS REFERRED

TO / QUOTED BY QUIN (1959)

with esp. ref. to genera and species
occurring at / or MAKAPANGAT
- a few are mentioned in main text:

p. 78, 'The following wild plants figure as pot-herbs
in the Sukuma household' - Nigeria.
NOT all are given.

• *Gisekia pharnaceoides* L.

• *Ceratotheca sesamoides*

• *Sesamum angustifolium* Eng.

~~These are all
as a pot-herb.~~

• *Cyanotis nodiflora*

• *Povilaca oliveracea* L.

• *Hibiscus intermedius*, A Rich.

Oxygonum adripticifolium
var. *sinuatum* Bak.

• *Trichodesma zeylanicum* R Br.

Amaranthus blitum L.

Sonchus bipinni A. Sch.

• *Cucumis melo* L.

Boerhaavia plumbaginea c. *forskalei* Vahl.

• *Commelina benghalensis* L.

• *Cochchorus olitorius* L.

• *Tribulus terrestris*

• *Cochchorus trilocularis* L.

Achyranthes aspera L.

Cleome hirta (Rt.) Oliv.

p. 79.

From Ashton E.H. 'A sociological
sketch of Sotho diet'. Trans. R. Soc.
S.A. 27: 147-214, 1939

- *Lepidium capense*
Xysmalodium lapathifolium
Lepidium myriocarpum
Chenopodium album
Nasturtium officinale
- *Cynanchum virens*
Amaranthus paniculatus
- *Solanum nigrum*.

p. 79 From
Bryant, A.T. A description
of Native foodstuffs and
their preparation. Maritzburg
Printed for the Natal Govt.
1907.

Ophioglossum sp.
Amar. rhombifolia
= *Sol. nigrum*
= *Alepiotis* sp.
Vigna sp.
= *Bidens pilosa*
Vigna mungo
Richardia aquatica
Peucedanum capense
Gomphocarpus glaber
Momordica foetida.

ASCLEPIADACEAE ☺

UMBELLIF.

ORCHIDACEAE ☺ ?

Canthium spp. ?

Grasses

+ *Asclepias*?
Brachystelma?
Ceropegia?

183

Extra-Kalahari

MOSARWA

July 1963

Berchemia discolor

Canthium

? *Ipomoea*

makulu

Xysmalodium lapathifolium. 'in Sotho dictionary'
(Quin (1959) p. 79 : Ashton (1939, p. 159))

Dovyalis caffra fruits

in fairly large numbers along the banks of the Tshwene
(Chunies) River, south of the Strydomspoor range.

± 35 km. SE of

- p. 62. *Achyranthes aspera*. - Dalziel J.M. The useful plants
"to make salt" (Chad) of West Tropical Africa, London.
Aerva lanata Tuss. soap-green s. Nigeria.
Aerva tomentosa Forst. Entire plant used as a food.
Alternanthera sessilis. Soap ingredient.
Celosia argentea. pot-herb.
C. laxa, *C. cristata* L. of soup & sauce herbs; marketed.
sch. + rhiz.

- p. 63. ASCLEPIAS. 8 N. American species. All parts, incl. roots, fls.
- Yanovsky E. (among Indians) Fruits (us.) Food plants of the North American Indians U.S. Dept. of Agriculture, Bulletin 237, 1936.

- p. 64. Dalziel¹ Trop. W. Africa. *Taccaceae apiculata* var.
Flowers benedicta Sc. Elliot
Xysmalobium heddleianum Dence
Senegal. Tubers eaten.

- p. 65 " : *Boscia angustifolia* A. Rich. Senegal N. Nigeria & Central Sahara. berries & seeds.
B. galicifolia Oliv. N. Nigeria. bark for soup, & leaves eaten.
B. senegalensis Lam. leaves & berries.
(in the North)
Cadaba farinosa Forst. Ivs & dried pounded, with cereals... pudding
Capparis corymbosa Lam. Ivs / fruit.
C. decidua Pax. fruits by Sudanese
Macrua angolensis DC. N. Nigeria Ivs-soup,
M. crassifolia Forst. Mauritania. Fruits.
[Compositae, N. America. Yanovsky &]

PALMER & PITMAN:

- p. 233 Young leaves of *Acalypha glaberrima*
Premna orientalis ... cooked as a vegetable.

* LEM. NOTE RE APPARENT CONFUSION (AND INADEQUACIES IN REFERENCE LIT. ? * OF EDIBLE CUCUMIS spp.

E.g. The Cucurbitaceae of South Africa. A.D.J. Meuse Bothalia VIII. Pt. 1. 1962.

By Meuse (1962):
Story's 1958 *Cucumis* sp. *Nilam* (!hɔ:) = BM's *ηήεμ* (?)
= *Cucumis kalshariensis* Meuse sp. nov. (= with little doubt, BM's *οτύλουκος*?)
& his *C. hookeri* Naud? n ≠ ? nu (Meuse cites only? Story's 5579 cape: K. Gemblik Park; Story cites only 5012, 5028, 5047) by inference
= *C. africanus* L.f.

It would appear that Quinn's (1959) '*Cucumis africanus*' - *mongaku* or *Pedi*, is either Meuse's (1962) *Cucumis zeyheri* Sond OR *C. anguria* L. var. *longipes* (Hook. f.) A. Meuse

+ that B. M.'s 'mongaku' or *makapenspat* (leaves eaten as spinach) is either Meuse's *C. zeyheri* or *C. anguria* var. *longipes* (incid. Meuse cites his 9752 for latter sp. coll. at Ysterberg N. of Potchefstroom ... which is prob. within 6 km of Limeworks Mfsl. !)

+ PROB. Tahakas (Kalekvi Hunter-Grevens R.B. Lee & Z. De Vore) *Cucumis anguria*, (*anguria* was intended (?) is not this sp. - the fruit app. is edible - but *C. africanus* !!)