

Field Diary XV, 7 July 1872 - 1 December 1872

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[0001]

[0002]

[Calculation.]

July

31 August

30 September

31 October

30 November + 12

31 December

21 July

[Calculation.]

Jesus 1872

1873 132

[0003]

Calculations.

[Calculations.]

1289

[0004]

XV. 1872

Unyanyembe July

7th waiting wearily

here & hoping that the

good & loving Father

of all may favour me

and help me to finish

my work quickly & well

13th Phuño = Furukom-

be names of Kite which

appears here to-day>

14th - News from Mfuta

that 200 of the Watuta who
were hired to fight for the
Arabs were slain and the
rest ran away - about
sixty of Mirambo's force
said to be killed = the
Arabs are now to go out
to fight so the end may be
near - they expect that

[0005]

Mirambo will flee - It
is a very general revolt
which Mirambo only
headed - as the ablest man
among them - and he has
proved himself to be so -

15th Reported today
that 20 wounded men
have been brought into
Mfutu from the field of
fighting - About 2000
are said to be engaged on
the Arab side and the
side of Mirambo would
seem to be strong - but
the assailants have the
disadvantage of firing
against a stockade -
while those outside are
unprotected except
by anthills bushes
and ditches in the field -

[0006]

16th 17th Went over to Sultan
bin Ali yesterday - very
kind as usual - gave me
guavas and a melon
called Matanga - It is reported
that one of Mirambo's
chief men Sorura set
sharp sticks in concealed
spots which acted like
Bruce's "craw taes" at
Bannockburn and
wounded several probably

the 20 reported - this has
induced the Arabs to send
for a cannon they have to
batter Mirambo at a
distance - the gun is carried
past us this morning
a brass seven pounder
dated 1679 carried by the
Portuguese commander
in chief to China - [Date calculation.]
193 years ago &
now to beat Mirambo

[0007]

by Arabs who have very
little interest in the war -
Some of his people out
prowling two days ago
killed a slave - the war is
not so near an end as
many hoped -

Strong cold winds pre-
vail now from the East
and the temperature varies
more now than in the
first dry months - Min
is 55° - and temp - 57° at
6 AM - Wet B - 55°
3 PM DB Sun 112° - shade 68°
Sun shews temp endured
in travelling by day -

[0008]

18th S. 19th July 1872
visited Salem bin Seff -
entertained very hospitably
Nkisiwa returned - war
unfinished - ! Baganda
have got Pagazi -

20th = High cold winds
prevail 6 AM 57° Min. 55°
Noon on the ground 122°
It may be higher but I am
afraid to risk the thermometer
which is graduated to 140°
only -

”

[...] is most like God who
is most generous and
tender, least patient with
himself, and most
patient with others -
He is not nearest God
who goes most frequently
to his closet, but he

[0009]

who generates most
love

” - H. W. Beecher

21st Lewale returns
today from K Mfutu
on his own private
business at Kwikuru
success of the war is
a minor consideration
with all - I wish my
men would come &
let me off from this
weary waiting -
Some philosophizing is
curious - It represents
our maker forming
the machine of the Uni-
-verse, setting it agoing
and able to do nothing
more outside certain

[0010]

of his own laws - He
as it were laid the egg of
the whole and like an
ostrich left it to be hatched
by the sun - We can
control laws but he
cannot - A fire set to
this house would con-
-sume it but we can

throw on water and
consume the fire
We control fire water
the elements - Is He
debarred from doing
the same and more
who has infinite wisdom
and knowledge - He
surely is greater than
His own laws - civili-
zation is only what has been
done with natural laws

[0011]

21st July 1872 continued
Some foolish specu-
-lations in morals
resemble the idea of a
Muganda who said
last night that "if
Mteza did not kill
people now & then
his subjects would
suppose that he was
dead"! Bartooma?
Ngovya Katanda M^t
Kibanga Unyoro Mountains
Motitiri
Gabalagala
Unyora Mt

[0012]

22nd July 1872 -
The plan other than an
Expedition referred to
by Government may
have been a private
offer of a person al-
-ready out to take a
few Arabs at Zanzibar -
- go inland - solve the
Nile problem by
looking at the end of Tañgan-
-yika - then call me
out of Manyema
where I was reported
to be in idleness as
one of the Arabs and
dreaming of a Lake

West of it - Possibly

[0013]

the non asking by
the Council about the
"other plan" may have
screened him who
desired to supersede
me - X

What is the atonement
of Christ - It is Himself -
It is the inherent and
everlasting mercy of
God made apparent
to human eyes and
ears - the everlasting
love was disclosed by
our Lord's life & death
It shewed that God
forgives because he
loves to forgive -
He works by smiles
if possible - if not by
frowns - Pain is only
a means of enforcing love

[0014]

23^d July 1872

”

Spite and illnature
are the most expensive
luxuries of life

” Brunel -

The Lewale interdicts
the Baganda from
going today - He says
"You may, go but leave
all the gunpowder here
because Mirambo
will follow you and

take it all to fight
with us” - This is an
afterthought for he
hurried them to go off -
A few will go and
take the news and
some goods to Mteza
and probably a lot of
Lewale good to ✓

[0015]

trade at Karagwe.
The Baganda are
angry for now all
their cattle and much
of their property are
expended here but
they say ”we are strangers
and what can we
do but submit” the
Banyamwezi carriers
would all have ran
away on the least
appearance of danger
No troops are sent
by Sayed Burghash
though they were
confidently reported
long ago - all ✓
trade at a standstill

[0016]

24th July 1872 - Uny_be

Visited Lewale at Kwi-
-kuru - He says that
all the fighting men
have quietly slipped
away from the war
and he was left alone -
hunger is the excuse!
- Put a blister on Nkas-
iwa’s neck to see if it
will relieve pain of a
paralytic neck & left side

Lewale confirms the
great damage done by

a cyclone at Zanzibar
to shipping - houses -
cocoa nut palms -
mango trees & clove trees -
Also houses and dhows
five days after S
Burghash returned

[0017]

Safen volunteers
to go with us because
Muhamad Bogharib
never gave him
anything - and Bwana
Mohinna has asked
him to go with him
I accepted his
offer and will ex-
plain to Muhamad
when I see him that
this is what he pro-
-mised me in the
way of giving men
but never performed

[0018]

25th July 1872 - S. -

26th 7th Bin Nasib came
last night and visited me
before going home to his
own house = A tall brown
polite Arab - says that
he lately recieved a
packet for Mr Stanley
from the American
Consul sealed in tin
and sent it back - this
is the eleventh that came
to Stanley

A party of native
traders who went with

the Baganda were attacked
by Mirambo's people
and driven back with
the loss of all their
goods & one killed
the fugitives returned
this morning, sorely
down cast

[0019]

A party of 23
loads left for Kargwe
a few days ago and
the leader alone has
returned - does not
know more than that
one was killed -

Another was slain
on this side of
Mfutu by Mirambos
people yesterday
Country thus still
in a sadly disorganized
state - Sheikh bin
Nasib says that
the Arabs have
rooted out 52 head
men who were Mirambo's
allies

[0020]
28th July 1872

To Nkasiwa - blister to
sacrum & to be left for a
time - First relieved
the pain & pleased him
greatly - Hope he may
derive benefit -
cold East wind & clouded
thickly all over sky -

29th making flour
for the journey of Rice -
visited Sheikh bin
Nasib who has a severe
attack of fever - cannot

avoid going to the war
because all Arabs would
leave if he did -
Sheikh but bought a
donkey with the tusk
he stole from Lewale
and it died yesterday -
Now Lewale says -
"give me back my tusk"
& Arab replies "give

[0021]

"back my donkey."
The father must pay -
but his son's character
is lost as well as the
donkey - Bin Nasib
gave me a present
of wheaten bread and
cakes -

30th Weary Weary
waiting this, and
the best time for
travelling passes over
unused - High winds
from the East every
day bring cold, and
to the thickly clad Arabs
Fever

Bin Omari called -
goes to Katañga with
another man's goods
to trade there -

[0022]

31st July 1872 We
heard yesterday from
S - bin Nasib that the
caravan of his brother
Kisessa was at a
spot in Ugogo twelve
days from this - My
party had gone by
another route - thank-
-ful for even this in
my wearisome waiting

1st August 1872

A large body of Baganda came to see what was stopping the way to Mteza - about 10 head men and their followers but they were told by an Arab in Usui that the war with Mirambo

[0023]

was finished = about 30 of them came on to Mfuta and will come here tomorrow - to be dispatched back for all the Baganda in Usui to aid in fighting Mirambo - It is proposed to take a stockade near the central one & therein build a battery for the cannon which seems a wise measure -

Went over to apply medicine to Nkasiwa's neck - to heal the outside the inside is benefitted somewhat - but the power will probably remain incomplete as it now is -

[0024]

2nd August 1872

The Baganda came yesterday - a poor slave looking people clad in bark cloth "Ubugu" & having shields with a boss in the centre - round and about the size of the ancient Highland targe but made of reeds the Baganda here said that most of the new

comers were slaves
& would be sold - for
cloths - Extolling the size
of Mteza's country they
asserted that it would
take a year to go across
it - When I joked them
they explained that a
year with them meant
5 months - 3 of rain -
2 dry and rain again

[0025]

3^d New last night

4th Wearisome waiting
and the sun is now
very hot at midday
and will become hotter
right on to the rainy
season in November,
but this delay may be
all for the best =

5th visited Nkasiwa
& recommended
shampooing the dis-
-abled limbs with oil
or flour - says that
the pain is removed -
More Baganda
have come to Kirira -
and will be used for
the Mirambo war.
They are a poor slave
looking lot clad in
bark cloth well prepared

[0026]

6th I can think of
nothing but "when will
these men come"? sixty
days was the period

named - Now it is
eighty four - It may be
all for the best in the
good Providence of the
Most High -

7th - 8th S. High East winds

9th [Calculations.]
9th [Calculations.]
I do most devoutly
thank the Lord for
his goodness in
bringing my men

[0027]

near to this = Three
came today 9th Aug -
and how thankful -
I am, I cannot
express - Oswell
turned too and
embarked in the
same ship with the
naval officers -
It is well - the men
who went with M^r
Stanley came again
to me "Bless the
the Lord O my
Soul and all that
is within me bless
his holy name Amen

[0028]

10th August 1872 -
sent back the three men
who came from the Safari
with 4 dotis & 3 lbs of
powder - called on
the Lewale to give the
news as a bit of polite-
ness - found that the
old chief Nkasiwa
had been bumped by
an ox and a bruise
on the ribs may be

serious at his age -
this is another delay
from the war as he was
to go again to it - It is
only half heartedly
that anyone goes -

Oswell is said to have
been scared by the

[0029]

accounts given by
Stanley of war
and many dangers
It is best for being
quite inexperienced
and alone it might
have gone hard with
him - So I am
thankful trusting
that it will all be
for the best - To
do all alone will
give me an influence
and name which I
pray may be turned
for good in the
abolition of this
nasty slave trade

[0030]

15th August 1872

The men came on the
11th having been 74
days from Bagamoio
Most truly thankful
to the giver of all good
I am - I have to give
them a rest of a few
days - and then start

[0031]

16th KiTikisha =
earthquake about
7 - PM - shook me
in my Kitanda
with quick vibrations
and they gradually

became fainter
It lasted some 50 seconds
and was observed
by many -

[0032]

- 1 Hatibo N^o 4 tin
- 2 Farahame Tool box
- 3 Shabane Ammⁿ box x
- 4 Mabruki D^o box x
- 5 Radiabo - Tin unopened
- 6 Shomari = cloth bale
- 7 Moariko - 1 bale cloth
- 8 Tom beads Ammⁿ box x
- 9 Maganga = Brass wire
- 10 Moarim D^o
- 11 Boheti wooden box & coffee
- 12 Musa = Brass wire
- 13 Ghamsin - S Line
- 14 Salaming Tin N 2
- 15 Twakari Am. box x
- 16 Moinye butter

[0033]

- 17 Ghamees - Tea
- 18 Suedi Brass wire
- 19 Bon Ali - long box
- 20 Taofuki Kettle & Tar
- 21 Chaoperi = clothes box
- 22 Baraka - Brass wire
- 23 Lesasse - candles &c
- 24 Namuri - Am box x
- 25 Syde = flour tin
- 26 Ghamees = my box
- 27 Bilale = = Am- box o
- 28 Hamade = Brass wire
- 29 Juma cham- & tea
- 30 Sonjero - bale small
- 31 Feruz - wood box Am x
- 32 Radjab bale
- 33 Sangoro 2^d bale

[0034]

- 34 Damungu bale
- 35 Hassani bale
- 36 Magaoa bale
- 37 Matheu bale
- 38 Upangawazi bale
- 39 Ramadan bale

40 - Keresh = bale
41 Hassani bale S.
42 - Adiade - bale
43 Kef Halek Am- box x
44 Chanda Beads
45 Mabruki of U. Beads
46 Gardner - Beads
47 Kendette Beads
48 Ghamees wasale - flour
49 Tofiki Tar & kettle
50 Bon Ali - long tin box
~~30 wanted -~~
51 Ghamees Sarboko box Bead & flints
52 Muftaa - Tindi Beads 1 doti
53 Nyaspero - gun Beads Tuu

[0035]
coley = Bubu
Masanga = cart - long box
Kalasha = Sungomazi
get 10 dotis bound up
Musa bin Hema - Matunde
~~Kipanila~~ = boat
~~Makotobe~~ D^o & oars
~~Maganga~~ = Tar Tent
Nañkoñgo = bed
~~Mkizi = 4 dotis Am box & 2 sam~~
~~Nasibu 4 dotis = boat~~
At Gunda engaged & fled
~~Nubi 4 dotis = copper~~
2 Deserters
Bakari 4 dotis = boat
Bakari take 1½ doti = remain ½ doti

Amm boxes 8 = 1 Sungas

Sadalla P. 3½ dotis
takes the copper

[0036]
Of Athman D^o 3 ½
& Kitandi = dort 1 - ½

~~Boheti = 1 doti sick 2½~~
~~Maganga = 1 doti ½ & fundi~~
~~Hassani = 1 doti ½ & fundi~~

Mabruki = lazy & sheepa
Kolongo = Taghetse
has a white patch
below orbital sinus
about 4 inches long and
1½ broad

We left Kwihara on
25th August 1872 - lost
2 days by thieves - at
Manyia's on 6th Sept^r
to rest - as it is hot &
many take fever -
of August 6 days
of Sept 6 -

[0037]

Distance 54' + or
27 hours

Mabruki utterly useless
has sheepa & laziness

[0038]

A

[Dated map tracking route followed, and ending at Mwara's and recording distances between villages on the way, including Kasira B. Penta Chikulu and Manyara's.]

[0039]

B

[Map tracking route across Kamnambo water with note "sixty hours to Mrera's" and some calculations of distances.][Map with dotted line representing trail to Kamnambo passing through Misongha Simba Merera's and crossing Metambo RRiver.]

Map with dotted line tracking route through Dumbulu and Mpokwa.

Map with dotted line and distance calculations.

[0040]

1st September 1872

arrived at Chikulu &
bought provisions for
ten days as water is
scarce & but little food
can be obtained at the

villages - country is
very dry & wintry looking
but flowers shoot out
First clouds all over
today - It is hot now

2nd Sept^r people are
preparing their ten days
food = Two pagazi
ran away with 24
dotis of man's calico -
send after them but
with small hope of
capture

3^d = unsuccessful search

4th Leave Chikulus
and pass a large puff

[0041]

adder in way = a simple
blow on head killed it
so that it did not stir -
About 3 feet long and
as thick as a man's
arm = a short tail &
flat broad head - then
said this is a very
good sign for our
journey = though it would
have been a bad sign
& suffering & death
had one trodden on it
came to Ziwane large
tree & waters SSW. 4 ¼

5th a long hot tramp to
Manyara's a kind
old man = many tired
and sick SSW 5¾

6th Rest people

7th Several ill of Fever

[0042]

8th September 1872

March to Ngombe

Nullah S.W 4

A poor woman of

Ujiji followed a man

of Stanley to coast - He

cast her off ^here & she was

taken by another but

her temper seems too

excitable = set fire to her

hut by accident & in

the excitement quarrelled

all round = she is a

somebody's bairn never

the-less = a tall strapping

young woman = must once

have been the pride of her

parents.

9th Telekeza at broad point

of Nullah = then went

on 2 hours & passed night

in forest 3

10th Came on to Mwara 3¼

& spent night there by 6¼

a pool = vil 2 miles off

11th 8½ & Telekeza

[0043]

Sun very hot & marching

fatiguing to all -

Madjuana has an insect

in the aqueous chamber of

his eye - It moves about

and is painful =

We found that our old

path from Mwaro has

water and must go early

tomorrow morning &

so avoid the roundabout

by Morefu - We shall thus

save two days which in

this hot weather is much for

us -

We hear that Simba has

gone to fight with Fipa

Two Banyamwezi volun
teers -

12th we went by this
water till 2 PM then make
a march & tomorrow get
to villages = got a buffalo
and remain over night
Water in Haematite 4W

13th WSW 3½
14 SW - Kamiramba 2½
6

[0044]
Motepatonze Pag 1 doti
Nsakusi D° 1 doti
Muan mzungu 1 doti
Mayombo 1 doti 12 Sept
paid at Mrera's 1 doti each

Engaged the above
Two ran on 18th
pagazi on 12th at
Brown Haematite water
thence to ^river & land of Kamirambo
Water in pools in rivulet
on 13th 3½ + 2½ on
14th = 6

15th on to near 9
range of hills 3½
Much large game
Ill with bowels -

16th climbed over range
about 200 feet high - then on
Westwards to stockaded
villages of Kamirambo
his land begins at the
Mtoni = buy corn 2

[0045]
17th To Metambo R 1¼
broad & marshy = begins

land of Mrera - Through
forest with many strychnine
trees in it - W & by S = 3¼
at Mrera's =

18th Remain at Mrera to
prepare food —

19th D° - D° & because I
am ill with bowels
having eaten nothing
for eight days - Simba
wants us to pass by
his village & not by
the straight path

20th Went to Simbas
about NW.3½
Simba sent a
handsome present of
food - a goat eggs &
a fowl - beans split-
rice = dura = Sesame
I gave him 3 dotis of
superior cloths

[0046]

21st Sept^r 1872 Rest
here as my bowels do
not yield to medicines
on time, but begin to
eat now which is a
favourable symptom

22nd preparing food
and one pretends ina-
bility to walk - send for
pagazi to carry loads
of those that carry him
Simba sends copious
libations of pombe

23^d pagazi after demanding
enormous pay walked off -
Went on along rocky

banks of a stream & crossing
it camped because the
next water is far off 1½

24th Recovering & thankful
but weak - cross broad sedgy
stream Then on to
another and so to Boma
Misonghi W & by S. 3¼

[0047]

25th got a buffalo and
an Mjeere & remain to
eat them = getting better slowly
Mjeere or water hog all
eaten by Hyaenas during
night - buffalo safe

26th through forest along
-side a sedgy valley = cross
its head water rust of irony
Then W & by S = Forest in 3¼
very much tsetse
zebras calling loudly &
Senegal long claw in our
camp at dawn Oh $\bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o}$

27th On at dawn - no water
expected but we crossed three
abundant supplies before
we came to hill of our
camp = much game about
getting well again = thanks
about West 3¾
No people or marks of
flowers sprouting in
expectation of rains
Much land burned
off but grass short yet

[0048]

28th September 1872
At two hills with mushroom
topped trees on W side = cross

a good stream = 12 ft broad
& knee deep = Buffaloes
grazing = many sick 2½

While camping a large
musk cat broke forth
among us & was killed =
yabade = musk = Ngawa
black with white stripes
From point of nose to
tip of tail 4 ft
height at withers 1 - 6 in

Partial drawing of musk cat continuing on the following page.

[0049]

Partial drawing of musk cat continuing from previous page.

[0050]

29th Sept^r 1872 Through
much Bamboo & low hills
to Mpokwa ruins & River
The latter in a deep rent in
alluvial soil very hot 2¾
and many sick in
consequence = Sambala
fish abundant W

30th away among low tree
covered hills of granite
and sandstone = found
that Bangala had assaulted
the village to which we went
a few days ago & all were
fugitives W.S.W. 4
Our people found
plenty of batatas in the
deserted gardens = a great
help for all were hungry

F 1st October 1872 Friday
on through much deserted
cultivation in rich damp
soil - surrounded with
low tree covered ranges
saw a few people, but
all are in terror

[0051]

W & by N. 2½

2nd obtained Mtama in
abundance for brass wire
and remain to grind it
people had been without
any for some days &
now rejoice in plenty
A slight shower fell
at 5 AM not enough
to lay dust -

3^d South & down a steep
descent into a rich valley
with much green maize
in ear - people friendly
but it was but one hour
so we went on through
hilly country about SW-
men firing off ammuni-
tion had to be punished
crossed Katuma R in
bottom of valley 12 ft &
knee deep - camp 2½
in Forest

Farjella shot a fine
buffalo - weather dis-
agreeably hot & sultry -

[0052]

4th October 1872 over
the same hilly country = grass
burned off but stalks disa-
-greable = came to a fine
valley with a large herd
of zebras feeding quietly
Pretty animals - Went
only an hour & a half
as one sick man is
carried and it is hot
& trying for all - I feel it
much internally & am
glad to move slowly
W and by S. 1½

5th Oct^r Up & down
mountains very sore on
legs & lungs - trying to save
donkeys strength I climbed
and descend & as soon as
I mounted off he set as
hard as he could run on a
slope & he felt not the bridle -
saddle was loose but I stuck
on till we reached water in
a bamboo hollow, about
WS.W with spring 3

[0053]

6th along bamboo valley
with giraffe in it - Range
on our right left us &
that on the right dwindled
away = all covered with
bamboos in tufts like other
grasses - Elephants eat
them course about W & by S 2³/₄
Short marches on account
of carrying one sick man

7th over fine park like
country with large belts of
Bamboo & fine broad
shady trees W to end
of left hand range &
after 1¹/₄ Telekeza + 2³/₄ =
4 over a level forest
with much Haematite
trees large & open - large
game evidently abund-
ant and waters generally
are not far apart - our
neighbour got a zebra
a Rhinoceros & two young
elephants WSW 4

[0054]

8th October 1872 = came
on early as sun is hot
& in 2 hours saw the

Tanganyika from a
gentle hill = land rough
with angular fragments
of quartz = Rocks of
mica schist tilted up
as if away from Lakes
longer axis = some upright
and some have basalt
melted into the layers &
crystalized in irregular
polygons = all very tired
and on coming to a stockade
refused admittance because
Malongwana had attacked
them lately & we might
seize them when in the
stronghold = very true so
we sit outside in the
shade of a single Palm
Borassus S.W 4

9th Rest because all
are tired & several

[0055]

sick = this heat makes
me useless & constrains
me to lie like a log.
Inwards feel tired too

Jangeaŋge leaves us
tomorrow having found
canoes going to Ujiji

S 10th People very tired
and it being moreover
Sunday we rest -
gave each a keta of beads
Leave Usowa = chief Ponda

11th Reach Kalema
district after 2¾ hours
Over black mud all
deeply cracked & many
deep torrents now dry
Kalema is a stockade
SW - We see 2¾
Tanganyanyika

but a range of low
hills intervenes - a
rumour of war to-
morrow

[0056]

12th We wait till 2 PM
and then make a forced
march towards Fipa
People cultivate but little
from fear of enemies so
we can buy few provisions
Left broad valley with
a sand river in it where
we have been two days
and climbed range of hills
parallel to Tanganyika
Mica schist & gneiss
tilted away from Lake
met a buffalo on top of one
ridge was shot into & lay
down but we lost it -
course SW to drink of
Tanganyika water 2½

13th Our course went
along the top of a range of
hills lying parallel with
the Lake - a great part of
yesterday was on the same
range = it is a thousand
feet above the water & covered
with trees rather scraggy

[0057]

at sunset the red glare
on the surface made
the water look like a sea
of reddish gold = It seemed
so near many went off
to draw but were three
or four hours in doing so
Cannot see other side on
account of the smokes in
the air but this morning
three capes jut out and
the last bearing SE from
our camp seems to go
near the other side[Map of surrounding countryside with Fipa and Kalema marked.]

very hot weather = to
Town of Fipa tomorrow
Course about S = $3\frac{1}{4}$

[0058]

The first parallel ranges
observed had fine grained
sandstone schists = then
followed mica schists
and lastly micaceous
gneiss with prominent
chrystals of felspar and
talc scattered over it = all
tilted up nearly on edge
and cropping out with
strikes nearby
or the same as the
major axis of the rent
which originally formed
the Lake - detached masses
of porphory appear
between the gneissic
strata and as we come
near the water these
give way to white
quartz rocks

[0059]

13th Oct^r 1872 Near a
chief village of Fipa &
on bank of Tanganyika
or say 30 feet above water
3 PM clear sky - wind
gentle = 93° in shade
1 = 27-02
2 = 27.22 893
327.86

14th crossed two deep
gullies with sluggish
water in them & one
surrounding an old
stockade - Camp on
a knoll overlooking
modern stockade &
Tanganyika very

pleasantly = saw two
beautiful sultanas w
azure blue necks
S - might have come
yesterday but tired 1¼

[0060]
Mukombe land chief
Kariaria = vil Mokaria
Mt Mpambwe goes into
the Lake = Ntambwe Mt &
Kafumfwe =
Kapufi chief of Fipa

14th Noon & about 50 ft
above Lake clouded over
[2 tables each consisting of 3 temperature readings at Noon and 3 PM respectively.]

15th Rest & kill an ox -
the dry heat is distressing &
all feel it sorely - I am right
glad of the rest but keep on
as constantly as I can -
By giving dura & maize to
the donkeys & riding on
alternate days they hold on
but I feel the sun more
than if walking - chief
Kariaria civil

[0061]
C
[Map including KaPamaze, Cape Mozinga, Thenibwe, Ukombwe vilvillage, Mpara, Nsambo,
Mopinbaje, MtMount Mpambwe, islet Nkoma, Kilando land, Kafumfwe, Ntamba MtMount]

[0062]
15th Oct^r 1872 At vil
Mokaria [Calculations.]

16th leave Mokaria &
go South crossing several
bays of the Tanganyika
path winding = 3¼
people fired camp as

soon as we started

[Astronomical calculations that continue onto next page.]

[0063]

Astronomical calculations that continue from previous page.

17th Oct^r 1872

Leave a bay of Tanganyika
& go on to Mpimbwe
M^t - Two lions growled
savagely as we passed
game swarming but
my men cannot shoot
except to make a noise
Went 2½ & telekeza at 2 PM
found many Lepidosirens
in a muddy pool &
vultures catching &
eating them - men speared
one which had scales
and its tail bitten off
by a cannibal brother
Mouth large and entire
length about 2 feet -
curious Roe like portions
near its backbone -
yellow - good flesh
on & up a pass at East
end of Mpimbwe Mt &
at a rounded mass of
it find water = 1½.
about S. in all 4

[0064]

18th October 1872 Went on
about South among M^{ts}
all dry till we came down
by a little Westing to Lake
again at large villages well
stockaded with a deep gully
half round them = ill
with bowels = again 3½
Bubwe chief
food dear because
Simba made a raid
here lately - country Kilando

19th Remain to prepare
food & rest the people in
country Kilando =
Nkoma islet here
Nkolenge islet in front
[Astronomical calculations that continue onto next page.]

[0065]

[Astronomical calculations that continue from previous page.]

20th We got a Waterbuck
and a large buffalo and
remain during the
forenoon to cut up the
meat then go on about
2 PM - Went on and
passed a large arm of
Tanganyika having a
bar of hills on its outer
border - country swarm
ing with large game
passed two bomas &
spent night near one
E & then S - 2¼

[0066]

21st Mokassa a Muganda
boy has a swelling of the
ankle which prevents his
walking - went 1 hour to
wood to make a litter
for him - Bomas all
plastered with mud
so as to intercept balls
or arrows = trees all cut
down for these stockades
deep gullies cut the flats
up - much cultivation
Siwampepo Mt^s
Sabia Mt
Much cotton cultivated & cloth made
Kafungia arm of Ta
Sent a doti to headman
of village where we make the
litter to ask a guide to go
straight South instead of
going East to Fipa which
is four days off & out of
our course

Tipo tipo said to be at
Moriro W of Tanganyika

[0067]

22nd turned back Westwards
& went through hills down to large
islets in Lake - stop at villages
destroyed by Simba = SW - 2½
Much cotton cultivated
Noon 30 ft above Lake
[Table consisting of 3 temperature readings.]
D

[Map including Kafungia, Sabia Mt Mountain, Siwampepo, Kisiba ptpoint, Pillen islet, Nkolenge
istislet, Karekisambala, Banda.]

[0068]

23^d S. first East then
past two deep bays at one
we put up as they have
food to sell = walls of the
Boma plastered with
clay - Lake sides are a
succession of rounded
bays from shapes of the
valleys of the hills - In
Nyassa they seem made
by the prevailing winds
only one hour & chiefly about
South & by East 1½
Rain probably fell
last night of opposite
shore is visible today
Banda high slopes down
as it goes South
Country here Motoshi

[Table consisting of 3 temperature readings with note "3 - 30 PM" beside the figure.]
[Drawing of 2 trees with traps suspended.]
very many falling traps
pass Buffaloes wherever
they are to be caught by
going down for water

[0069]

E

[Map including Banda, Motoshi, Linde, Mesamba, MtMount Kasela, Chisumbe, Molilo islet,

MpembeUrungu, Kapesa, Fipa, Mpunda, Kangere's, Mosunwe harbour, Weeneleo, Kirila islet,
RRiver Thembwa.]

[0070]

24th Oct^r 1872 many rounded
bays in mountainous Fipa
rested two hours in a
deep shady dell & then
came along a very
slippery rocky mountain
side to village in stockade
very hot & first thunder in
the East - about SWE in
afternoon - forenoon SEW
altogether = Linde vil 5

25 Coast ran SSE to a
cape = we went up SE then
over a high steep hill to
turn to S again = then
down into a valley at T^a
over another stoney ride &
down to a dell with village
in it - West coast very
plain = rain must have
fallen there = 4¾
Mesamba vil.
Noon high North wind
clouded sky = thick cumuli
Level & Lake

[0071]

[Table consisting of 3 temperature readings on each side of page.]

Kitanda ^islet & land tomorrow
Level of Lake Chisumbe say

26th Oct^r 1872 Over hills
& mountains again past
two deep bays and on to
a large bay with a prominent
islet on South side of it
called ChisumbeKitanda from
chiefs name also a rivulet
of fine water of same name
Three villages with food
about SSE - 4

27th Remain to buy
food which is very dear
slaughtered a tired cow
to buy grain
1st Passed Mer Gruis
100° 37 30
2nd of passing Mer
100' 41 10 at 25 past 8
at Kitanda islet

[0072]

[Calculation crossed out.]

28th Oct^r 1872
at vil of Mpembe land
Mosirwa chief = Kasamane
Barile - Bulungu in
Kasango D°
Mbette D°
Left ~~Molilo~~ Kitanda islet and
came round cape going
South farthest off cape
was N.N.W in bearing
came to three villages &
some large spreading trees
where we were invited by
headman to remain as
next stage along shore is
long 2¼
Morilo islet is on the
other or Western side
at the crossing place

[0073]

Calculation concluding with "Lat.Latitude SSouth about 1' NNorth of islet MoliloKitanda".

The people brought in a
Leopard in great triumph
The mouth & all its
claws bound with grass
and bands of bark as
if to make it quite safe
and its tail curled round -
- drumming & lullilooing
in plenty

[Astronomical note.]

[Calculations of distances travelled on 19 th.]

[Calculations of distances travelled on 20 th and 26 th.]

[0074]

28th Oct^r 1872 the chief
Mosirwa or Kasamane
paid us a visit & is
preparing a present of
food - one of his men
was bitten by the Leopard
on the arm before he
killed it - Molilo or
Morilo islet is the crossing
place of Banyamwezi
for Cazembe & is near to
the Lofuko R on Western shore - Lake
about 12 or 15' broad = at
7° 52' South = Tipo tipo
is ruling in Itawa and
bound a chief in chains
but loosed him on being
requested to do so by Syde bin
Ali
Time to cross at Morilo ? 3 hours
Lofuko R. where ? or so
R Luangwa a little N of Morilo
Hot fountain ? a little S of this

[0075]

at level of Lake 3 PM [Table consisting of 3 temperature readings.]

29 cross Thembwa Rt
20 ft & knee deep & sleep
on its E bank = fine cold
water over stoney bottom
The mountains now close
in upon Tanganyika
so that there is no path
but one over which
luggage cannot be carried
The stage after this is
6 hours up hills before
we come to water - this
forced me to stop
after only a short
crooked march of 2¼

We are now on the
confines of Fipa
next march takes
us into Burungu

[0076]

30th Oct^r 1872

Level of Lake 5 30 AM

27°-0 = 75° base of Tala

26.3 = 81° Pass in Mt

at 6.30 AM = Tala Mt

Pass in M^t Kasonko

26.45 = 82° = 9 AM

At level of Lake

27.10 = 86° at 10 AM

The highest parts of

the mountains from

500 to 700 feet higher

than the passes or

say from 1300 to 1500 ft

above the Lake =

very rough march - one

cow fell & was disabled

Stones all collected in

little heaps & rows shewing

former cultivation of

all these rough M^{ts} =

arrive at vil at Lake

at Kirila islet 2¼

¼ mile from shore

[0077]

top of a hill?

Winelao M^t on South

side of bay - Kala on N side

Kisinga land here on 30th

Megunda people cultivate

the hills in former times

Thunder all morning

and a few drops of

rain fell - men call

out earnestly for it

"come come with Hail"

and prepare their

huts for it - when it

does fall it will ease

their feet

At level of Lake on 30th

[Table consisting of 3 temperature readings.] At 3 PM
clouded all
over & thundering

31st Through a long pass
after we had climbed over
Winelao talus - came to
an islet 1½ miles long - called islet Kapessa
Then into long pass

[0078]
31st Oct 1872 population
of Megunda must have
been prodigious for all
the rough mountains
have had the stones arranged
and every available inch of
soil cultivated = going South
we came to a very large
arm of Lake with vil at
end in stockade 7' or 8' miles
long & about 2' broad
course chiefly S - 3½
population said to have
been all swept away by
the Matuta =

Killed a cow & found
peculiar flatworms in
the substance of the liver
also some rounded too

M 1st November 1872
We hear that an eruption
of Babemba on the Ba
-ulungu destroyed all the
food - tried to buy here
but it is all hidden
in the mountains

[0079]

so we have to wait
today till it is brought
If in time we shall
make an afternoon's
march = Rainy =
R Mueu from Chingolao
gave us much trouble in
crossing from its being

filled with vegetation - It
goes into Tanganyika
course S & East 2
Afternoons march

2nd Nov^r decieved by a
guide who probably
feared his countrymen
in front - went round a
stoney cape then to a
land locked harbour
3' long by 2' broadF
[Map including RRiver Moeu, Mosunwe, Morua land.]

[0080]

2nd Nov^r 1872 Went over
hills till we came to a stockade
in a land locked harbour
guide then absconded and
being told that by marching
still over hills we should not
get water for four hours
we rested after S. [Calculation of distance travelled in afternoon march.]
Mosunwe bay
Morua land
Afternoons march
Sompo a fish = Lepidosiren
Mkongolo outside hill of
Mosunwe bay

3^d Nov^r Morning's march
to a village where food was
reported = had to punish
two useless men for calling
out Posho posho posho
rations &c as soon as
I came near - one a con-
firmed banga smoker
The blows were given slightly
but I promised the next to
be severe - S - 1½
People of Liemba village
having a cow or

[0081]

two & some sheep &

goats eagerly advised us
to go on to next village
as being just behind a
hill & well provisioned
Four very rough hills
were the penalty of our
credulity in four ~~& a half~~
hours of incessant toil
In these mountain
fastnesses they hide their
food and the ways are
the most difficult that
can be found in order
to wear out their enemies
We went about S - & saw
Tanganyika near twice
morning march $1\frac{1}{2} + 4\frac{1}{2} = 5\frac{1}{2}$
to R Luazi

4th Nov^r very tired all =
try to get food - very dear
& difficult to bargain for -
goods are probably brought
from Fipa = It is probable
we cannot start today
& all are so tired it will be
beneficial

[0082]
4th Nov^r 1872 [Calculation based on Pegasi readings.]
[Calculation resulting in LatLatitude 8 17. SSouth.]
R Luazi near confluence
with Ubita R & about
2' E of Lake

[Map of area including Kalambo RRiver .]

[0083]
G
[Map including Kawa RRiver, Mbita RRiver, Luazi, Emba harbour, Mosunwe harbour. There
is also a table of temperature readings at 9 AM and the comment "clear sky calm"]

[0084]
5th November 1872 Went
up a high mountain and
found that a cow could
not climb = sent back &
slaughtered it waiting on the
top of the mount while the
people went down for water

Mabruki Speke useless &
false in depriving beasts
of water & lying to hide it
to top of Mount 1 + in
afternoon over M^{ts} 2½ = 3½
See Mbettes

6th Pass a deep narrow
bay & climb a very steep
mountain - too much for
the best donkey - with rests =
4 hours = Look down on
many bays = a sleepy
glare lies on the lake
Came along a ledge of rocks
& looked down 500 or 600 ft
sheer into dark green waters
saw 3 zebras & a young
python = fine flowers
South chiefly - 3
Afternoon over another
hill & down into a large
bay with vil - 2 + = 5

[0085]

15 yds & thigh deep
At Rt ^Kawa in Kasanga

7th S. Remain but the
headman forbade his
people to sell us food -
We keep quiet except to
invite him to a parley
which he refuses and
makes loud lullilooing
in defiance as if we
were inclined to fighting
but seeing that we took
no notice headman sent
a present & I returned thrice
its value

8th Large donkey very
ill & unable to climb the
high mountain in our

front - left men to coax
him on & they did it well
then sent men to find a
path out from the Lake
mountains for they
will kill us all & others
to buy food but Lake
folks are poor save in
fish = climbing M^{tn} was
an hour East 1

[0086]

9th November 1872

Got very little food & killed
a calf to fill mouths a little -
paths East seemed to get out
of mountains of Tanganyika
Went on East this morning
on highland open forest
then descend by a long slope to
a valley with water = many
mileza gardens but people
keep out of sight E 3
then send to search for
a village to which we
will go by afternoons
march - Donkey began
to eat to my great joy -
Highlands are of purple
colour from new leaves
coming out - ill & bleeding
freely - men too late
for our march - got
nothing

10th Out of Lake mountains
and along high ridges of hard
sandstone & dolomite
High range flanking Lake
on our right = 3½
came to R^t & our
guide volunteered

[0087]

to take men on to buy food
an acceptable offer
Donkey recovering = It
was distinctly the effects
of Tsetse bite = swelling

over the eyes and all
the mouth & nostrils swelled
Another died at Kwihara
with all the symptoms
of Tsetse poison fully
developed - got a small
amount of food -

11th Over gently undulating
country with many old
gardens & watchhouses
some of great height
Reached R Kalambo
which I know as falling
into Tanganyika =
& its branch beside
the village Mosapasi
deep & crossed by a bridge
Kalambo 20 yards
wide & shallow but
it enlarges much E- 2¾

[0088]

12th November 1872
Along among low ranges
by tree covered hills = to a
village stockade = Refuse to
remain & went on to
another by a rill 3 yds wide
course about S & by W 4¾[Table consisting of 3 temperature readings with notes "6 PM" and
"clear" beside table.]

13th Long lines of ridges of
sandstone hardened & Haematite
all clothed with trees - grass
sprung up - cloudy & showery
We came to Zombe's boma
on Halochechi R flowing into
the Lake about 15 yds & thigh
deep flowing fast over
rocky bottom = with many
aquatic plants = stockade
on River = was surrounded
by Matoka's camp and a
constant fight maintained
at the point where the line of
stakes was weakened by the

river running through = He
killed four & chitimba &
Kasonso coming raised
the siege = He compelled some
Malongwana to join him

[0089]

while Moamba refused to
join him = He plundered many
village of all food and has
been a scourge mornings
march S & by W 2

[Table showing temperature readings at 10 AM noting it was "cloudy".][Table showing
temperature readings at 3 PM noting it had "clouded over".][Dated table showing temperature
readings at 3 PM and noting it was "rainy".]

14th S. Rest - Zombe the
chief is gone to Chitimba's
Land high & cold - showery[Drawing of boma referenced in text also showing RRiver
Halocheche.]
Motoka plundered a native
Arab party of 6 bales of
cloth & one load of beads
& said if you wish to get
the goods back go on with
me & fight Zombe - the

[0090]

seige lasted 3 months, then
Kasonso & Chitimba who
are of the same family with
Zombe came & a complete
rout ensued - they left
many of their guns and
clothing - the Malongwana
had previously escaped
It is two months since the
rout so we have been
prevented by kind Providence
from coming soon enough
to fall into the hands of
Motoka's immense horde
He was impudent & extor-
-tionate before & much
more now that success
in plundering has emboldened
him

15th Nov^r 1872 = refused
a guide & march 3 hours over
undulating country cross Lowana R- then send
to find water but could not
course SW but after failing
to find water turned due W,
found a path W & by S went
1 to water + 3 = 4
2 Rhinoceros started off
sent back for sick donkey &

[0091]

men not returned on the

16th we wait for them
this morning = they came
Donkey died this morning
and we make a march
from Noon - the death
was evidently caused by
Tsetse bite & bad usage
by Mabruki Speke in
keeping by falsehood
48 hours without water
the rain helped to a fatal
end - a great loss to me
[Drawing of 2 curved lines with EEast WWest written near each line.]J

Afternoon followed range
on our left which came
round to W & ^Lake lay on our
right went only W - 2
Kasonso's people
called in passing

[0092]

H

[Map including Urungu, aeezy, Lonzua RRiver, Zombe stockade, Halocheche RRiver, Mosapasi RRiver, Kalambo RRiver, Kawa RRiver.]

[0093]

K

[Continuation of drawing or map including Lonzua RRiver.]

[0094]

17th November 1872

Went on along bottom of high
ridge that flanks the Lake
on the West then turned
up South East to a village
hung on the edge of a deep
chasm in which flows
the Aeezy = see an islet
beyond Lonzua = stop for
provisions at nearly 2
NE.

18th Set off & were soon
overwhelmed in a pouring
rain = climbed up the red
slippery path which is
parallel & near to Mbette's
this is something like what
Kirk had instilled into the
Pudduck's idea of the miseries
of African travel = a
man who took a child deserted
by her mother seeing she
was benumbed by cold &
wet carried her = then as
I came up threw her into
the grass = ordered a man
to carry her & we gave

[0095]

her to one of the childless
women - she is about 4
years & not negro looking
Our march was about
South West and 4
at Kampambas the
son of Kasonso who
is dead

Insama is name of
Chama = of R^t ^ (Lo) Bumbo

19th Nov^r visited Kam-
pamba still as agreeable as
we found him before when
he went with us to Liemba

Has a good sized village
men stringing beads
heavy rains now & then
every day = gave two
cloths as a present -

20th Stringing beads for
use - 21st D^o - gave
all except defaulters
two dotis each and a
maneh of beads

[0096]
22 Nov^r 1872 diminished
our loads considerably
and pleased the men
We have now 3½ loads
calico & 120 beads several
go idle but to do any
odd work as helping
the sick or whatever they
are ordered - gave the
two Nassickers who
lost the cow & calf only
one doti = It was worth
14 dotis - one man behind
ill of dysentery - sent for
him twice = sent cloth &
beads to him as we must go

23 prepare to start
rains heavy & frequent
At Kampamba's 6 PM
[Table of temperature readings with text to the right "cloudy 80° Muanani joins Kapondosi".]
[Calculations based on geographical coordinates that continue to next page.]

[0097]
Calculations based on geographical coordinates that continue from previous page.

Kampamba's
at Muanwani
or Kalusi Rt

24th Leave Kampamba's
& cross meadow S E of
vil in which Rt Muanani
^or Kalusi rises - It flows into the

Kapondosi for the Lake
Went over a flat country
soil reddish & fertile -
covered with trees which
have all been cut about
4 or 5 ft from the ground
for cultivation or char-
-coal - Long lines of
hills of denudation
in distance all directed
to Lake - Our course
about South West
and quick marching 3¾ hours
Kitineka our guide
to Liemba with Kampembe
is now our leader

[0098]

We came to Kasonso's
successors village on the R
Molulwe of 30 yards and
thigh deep going to Lofū
chief gave a sheep = a
welcome present for I
was out of flesh some
days - Kampamba is
stingy as compared with
his father

[Calculations based on geographical coordinates.]

24 Nov bank

left of Mololwe R
Calculations.

Lat 9 - 5 by Algenib
of R Mololwe at vil
of Kasonso's successor

[0099]

25th Nov^r 72 = one hour
SW to Rt Cazembe on
which the departed Ka-
-sonso lived - 3 yards &
very deep flowing slowly
to the Lofū - passed on
through much pollarded
forest = level but the stumps
send out leafy shoots
that make the path very
tortuous - come to a
village = newly built
course generally SW- 3

26th off at daybreak
grass loaded with dew
and a heavy mist hanging
over all - S & S-W-
passing two villages of
people come out to
cultivate then stop at
Ndari's village on
the Rt Loela goes into
the Lofū - soil all 3 ½
very fertile = manured
by burning branches of trees

[0100]

27th Nov^r 1872 Rt Loela
spend this as Sunday as
we should be in an
uninhabited tract tomorrow
beyond the Lofū and the
headman here Ndari
cooked six messes for us
& begged us to remain for
more food which we buy
gave us a handsome
present of flour & a fowl &
we returned a doti = very
heavy rain in afternoon
with strong gusts of high
wind which wet us all

28th A mile off we came to
the Lofū 60 feet & very deep
made a bridge & cut down
both banks for donkey &
cattle to pass = hauled each
across by a rope = occupied
two hours then went on a
great plain with much water
that never dries but forms
a bog with tufts of grass &
very deep between = misled
into this by our guide as
a path goes round it - we
were 5 hours but count
real march only SW. 3½

[0101]

came to a village without
stockade & people allowed us
to camp there in = long
lines of low hills all about

A man came to the bridge
to ask toll fee - As it was but
one stick and unfit for
our use because rotten
I agreed if he would repair
it for our large company -
but if I remade it & large
he ought to give me a goat
for the labour = he slunk
away & we laid large trees
where there was only one
rotten pole

I

[Map including RRiver Chua RRiver Kanange Malembe range Isunga Lofu Kitwette
MtMountain.]

[0102]

29th Nov^r 1872 crossed
the Looze in two branches
(Ilamba) & climbed up the
gentle ascent of Malembe
low hills to the chief 2½
village of Chiwe who at
another place I was led to
call Chibwe by a Yao
tongue - Ilamba is the
name of his vill - The
Lo-ozis two branches were
waist deep - the first has
a natural bridge of a fig
tree growing across = goes
into Lofu. Lofu rises
in Isunga country at a
mountain - Kwitette

Chambeze rises East of this
& at same place as Lonzua
Chiwe presented a small
goat with crooked legs ^& millet flour but
grumbled at the size of the
two fathom cloth I gave
I offered another fathom & a
packet of needles - but he

[0103]

growled at this too and
sent it back. I returned his
goat & marched on this
30th November South W
same forest country with
low tree covered ranges
of dark red sandstone &
quartz - crossed a R^t &
came to a large village in a
stockade 4¼

1st December 1872
Closed in with thick clouds
but we went away among
long low tree covered hills
some 500 feet high = all is
green except where new
purple leaves are still
purple = no ruins are
passed ^but ruins of anthills
which possess great durability
Came to a ruined stockade
on a rivulet that lately
overflowed all its banks
A [...] Nutmeg tree in full
bearing but fruit high
no people - SW - 3
R^t ~~Chua~~ to Lovu Katanta

[0104]

Who planted the Nutmeg
tree on the ~~Chua~~ Katanta
I feel as if I must
have it some time”
19th August 1868 -
Private letter of D^r Kirk

In making clay pots the
good wives pick up fragments
of very old well burned vessels
pound them small as grots
and mix a portion with
the clay to prevent too much
shrinking & cracking as
ashes in brickmaking [Drawing of three figures, two female and one male.]

[0105]
Kasonso — SW
Chitapaousia SW

Chiwe on Luvu SW
3 on 4th Kafimbi
Chama SW -SW
to Chambeze -
The Baurungu are very
like the Banyamwezi
only more European
in their features -
Many of the young men
carry shields of skins
of game in imitation
of the Batuta
Estekharah - consult
Koran & holy beads
Kismut fate
faleka bastinado

"You cannot imagine
how I should like to
get a run with you
again in the wilds

[0106]

Musa = boat
Sangoro ^mango a 4 Am box
Chuma - Kurindo O
Sangoro = odd service
Madwara = 2 dotis & B
Mokassa = 1 D° & B
Nyalkobo - 0 load
Ghamsin - 0 D°
Matenki Speke cones
Magawa - 0 no load
Tangawazi 0 D°
BTofike Bange = tar
Wadghames 0 no
Ghamees = 0 load

Hassani ill of
dysentery at vil on
Aeezy R. Sent for
him twice 20 Nov 72

[0107]

Churango - Beads
Damungu Beads

Furjilla - Bed
~~Furjilla = cooking thing~~
 Richard = ^string Beads
 Fuaka = 'Am' box powder
 Hamadi = Brass wire
 Saburi - Brass
 Maganga Brass
 Mabruke 2 Am- Box
~~Bon~~Anamuri 3 Am. Box
 Ramadan Beads
 Moenze Talumi - Box
 Mustafa - Box
 Moalima country Flour
 Abed - Tent
 Safen med box & sextant
 Mabembua Uny ~~med box~~ 0
 Amoda = box sundries
 Shebane = tin box
 Wadi Baraka tool box

[0108]

grinds flour [Calculation.]

counts 130

Furjillah - pots & pans
 B =Athman + beads & + 1 doti
 Gardner = beads ^to carry
 Nassick - 2 Matheo O
 carriers boat
 Bon Ali - box pd
~~Halima~~ = cook 2 dotis
 + 1 doti
~~Flour man~~ Wadesale = flour
 Michosi — gun[...] s 2 dotis B
 Tofiki samam - bag bread
 Lesasse - candles
 Salemeng Karindo
~~Be~~Moarika II bale
 Ambarre Beads
 Hamees - Box writing.
 Chanda - Bale
 Hassani ~~Bale~~Beads
 Hatibo Tin box
 Bughet Beads
 Tom - Beads
 Bilale = Bundle
 of tools

[0109]

The Kapessi hot fountain
flows into Lofū & it into
Tanganyika from Itawa

The Kamakaie hot
fountain flows into the
Chambeze

Kiturussi or Earth-
quakes are frequent
coming from the East
and going West
Kampaniba's
information & others
1867 & Nov^r 1872
Manua Sera dotis 6 + 1
Chaoperi — 6
Susi — 6[Calculation based on text.]

Ntaoeke 2 dotis & B

[0110]

64 - 2 coloured 2 Kamila
7 - 3 - 22 = (3K)

I

[Breakdown of types of cloth and calculation of their value in dotis.]II

[Breakdown of types of cloth and calculation of their value in dotis.]III

[Breakdown of types of cloth and calculation of their value in dotis.]
Table consisting of 12 rows of cloth statistics and calculations.

[0111]

Katepeluan eatable
plant - flower & bulb.
6 petals - inferior calyx
6 stamens attached a fleshy
internal funnel - pink petals
yellow stamena & crimson top
to funnel - trilobed seed vessel
At Zombe's on Halocheche
& on all the Urungu heights

Male = Mileza
Zimberrao a moto mushroom 3

2 got 6 dotis 20th Nov^r 1872
6 - 4 dotis each = pagaziB1 Mtolo2 Chongo B1 Kalasha
3 B Mtal4 Chowperi36 dotis
B5 Mabembe ganga& one
B6 Mkizi= B7 Muftamaneh
B8 Sarboko Banyamwezibeads

Athman 6 dotis & beads

1 bale = 4 Merikan 4 coloured
2 - 4 --- 3 coloured
3 - 4 coloured 5 Kamke
4 4 = 7 coloured
5 4 Slanley 2 coloured

[0112]
Decem Rainfall in 1872
1st R^t Katanta = Noon NNE. .43

2^d R^t Katanta SE. set in O =
6 - 10 AM = .45
D^o 4½ hours SW = SE not ?
measured

4th R^t Lampussi 5 - 6 AM O ?.7

[0113]
Oct^r Rainfall 1872
31st South end Tanganyika =
- 11 - 12 AM E .29

11th Nov^r Kalambo R -
4 PM thunder from N Land dust
It was reported that three
people were swept away
by sudden flood in Fipa

13th Zombe's 8 PM SE .13
14th D^o 5 PM - SE .22

15 - Forest 8 PM & 5 AM SE .12

18th Lake near 6 AM & Noon 1 .22

19th Kampamba 10 AM & Noon SE .83

21st D° 6 AM SE silent .7

23^d D° 7 - 9 AM NE set in .31

26th 3 - 4 PM Loela SE .82

27 4 - 5 PM R^tLoela SE 1 .47

D° D° Loela 6 - 7 PM SE = 1.17
with strong gusts wind -

28th vil. 8 - 10 PM SE = 1.24

29th Chiwe's 12 - 1 PM SE .11

30th Chipongola's in Mokatanta
dist 21 - 3 PM SW .41
Total Rainfall Nov^r 8.41
in Urungu
Nil showers through night

[0114]
It is like the difference
in effect of cold if one
is in activity or sitting
& falling asleep on a
stage coach

Kapesi = islet
Mpunda range is the
beginning of Ulungu
Matuta killed all the
cultivators of the hills
Khangere chief of boma
at Mpunda bay

a shower makes
the birds burst into
song

I know ten hot
fountains North of
the Orange River
the further North the
more hot and
numerous

[0115]
The sun makes the
soil so hot that the
radiation is as if it
came from a furnace
It burns the feet of
the people and knocks
them up - subcutaneous
inflammation is
frequent in the legs
and makes hardy
men useless - We have
been compelled to slowness
very much against
my will = I too was
ill & became better
only by marching on
foot - riding exposes
one to the bad influence
of the sun while by
walking the perspiration
modifies beneficially
the excessive heat

[0116]

Tala M^t near 29th +
M^t Kasonko tomorrow
Mokangele limit of Fipa
Swifts in flocks were
found on Lake when
we came to it and
small migration
swallows ever since

Though this is the very
hottest time of the year
and all the plants
are burned off or

quite dried the flowers
persist in bursting
out of the hot dry
surface - generally
without leaves - A
with two yellow patches inside
purple ginger ^is very
lovely to behold &
it is alternated with
one of a bright Canary
yellow - many trees
too put on their blossoms

[0117]

Our drum is the greatest
object of curiosity we
have to the Banyamwezi

A very great deal of
cotton is cultivated all
along the shores of the
Tanganyika = It is the
Pernambucco kind
with the seeds clinging
together but of good &
long fibre = the trees are
left standing all the
year to to enable them
to become large grain &
ground nuts are cultivated
between them - the cotton
is manufactured into
common coarse clothe the
general clothing of all

Lusise where they land on
crossing the Lonengwa ^is above Molelo
Kapesa SW of this
Molelo of Tambale

[0118]

had been picked up by
him & so called geography
written again on the
palavers of Zanzibar
Arabs

The question is not one

of detail = It is a question
involving political
& social considerations
of singular & serious
importance - It is
nothing less than the
maintenance of ~~British~~ European
influence to carry out
the great work of civilization
which Providence
in its wisdom has
entrusted to our nation
If one Govern^t. officer
delivers over a thousand
pounds to be delivered
to another & that be X
rendered with impunity

[0119]

Kirks report to the F.O.
that he had sent off
supplies & men to me
in fact that all my
wants had been supplied
were only half truths
He had spoken to Ludha
and believing him
made the assertion
that he (Kirk had sent)
a half truth as far as
I was concerned a lively
misrepresentation
He unwittingly handed
over the goods to a
coterie, clique or party
of slavers of which
Ludha was the chief X

D^r Kirks description
of Bangweolo was
only a sally of audacious
ignorance = as if the
mantle of Inner
Africa laid open X

[0120]

enough of my own
need and from not
remembering that I
could have got un-

-limited leave while
the donor Sir Bartle
Frere lived in power
I was too short sighted
for my own interests
and now I see that
D^E Kirk had no sort
of compunction in
trying to supersede me
by Banian treachery
the eagerness with which
he recommended that
I should retire & leave the
rest to other travellers = the
strong urgings to the S. & R
Expedition to resign & go
home = and the culpable
negligence of placing all
my supplies in Banian
hands & there leaving
them, tell a tale X

[0121]

Ukwdyne = Tamarinds

Note = Though we suffer
much from the heat by
travelling at this season
we escape a vast number
of running & often muddy
rills also muddy paths
which would soon knock
the donkey up - a milk &
water sky portends rain.

Tipo tipo reported on
14th Oct^r to be carrying it
with a high hand in
Nsama's country Itawa
insisting that all the
ivory must be brought
as his tribute the
conqueror of Nsama ✓

I had the offer of a X
consulate on the coast
of Africa of much
higher grade than Kirk

now holds but declined
it from not thinking

[0122]

may not be less than
the extreme greed of low
villainy but I trust
in the mercy of the
Most High to help me to
finish my work X

The spirit of Missions
is the spirit of our Master =
The very genius of his religion -
a diffusive philanthropy
is Christianity itself - It
requires perpetual pro-
-pagation to attest its
genuineness

[0123]

If D^r Kirk had never
got the offer of the leader-
-ship of the sources of the
Nile he would not have
had the additional strain
put on his moral nature
which the prospect of
superseding me after
he had secured his two
prerequisites = a salary
& position to fall back
upon for which he at
first declined - His
public recommendation
to me to retire & leave the
rest to others is ominous
The other plan to which
Gov^t looked, points to a
private offer of himself
and his advice to the
S. & R Expedition to
dawdle & then the strong
urging to go home
XX

[0124]

they have learned the
Arab adage nothing for

nothing & are keen
slave traders

The "Gingerbread palm" of
Speke is the Hyphene
The Borassus has a
large seed very like the
coco-de mer of the Sey-
-schelles islands in being
double but it is very
small compared to it
✓

Lord Granville said
in the House of Lords
that all my wants
had been supplied
I suppose on the
strength of Kirk & X
Ludha's statements
which were only half-
-truths which were
naturally taken to be whole truths

[0125]

22nd under a lofty tree
at Simba's = a kite the
common brown one had
2 pure white eggs in its
nest - larger than a fowls
and very spherical.
22nd Sept^r 1872 ✓

Banyamwezi women are
in general very coarse
not a beautiful woman
among them as is so
common among the
Batusi - squat thickset
figures & features too = a race
of pagazi = on coming in
land from sea coast
the tradition says that
they cut the end of cone shell
so as to make it a littl
of the half moon shape

[Drawing of moon-shaped ornament.] this is their chief
ornament
They are generally respect
-ful in deportment
but not very generous
√

[0126]
Shereef was four times
longer in going to Ujiji
than he ought to have been
and Ludhas slaves
lay at Bagamoio for
four months minus
3 days - but he wants
to bring the matter before
the consular court in
the regular way - He
being the sole witness
and He alone knowing
to whom he entrusted
the matter of supplies
and his friendships
for Ludha having been
misplaced the only course
open is that adopted
by the Hamburgh Consul
when Baron von der
Decken was plundered
demand that the X
Sultan make the noblis
refund monies unwisely
tossed into other hands

[0127]
and even more so for the public
avowal of hostility to me shewed
a mental bias incompatible with
a just judgement in the
case to which he invited me
and it was very ungraceful
to accuse me of "believing"
" Niggers" instead of him
because his own implicit
faith in these identical half
blood natives and in their
master led him to entrust
them without precautions
with hundreds of pounds
worth of goods twice &
a third time allow them

to lie at Bagamoio un-
cared for during four ~~and~~
~~a-half~~ months minus 3 days with the
result that caused him
the "greatest grief & indignation"

He seems to have been
kept in the dark by the
consular agents as to the
trade transactions of those
employed & not a
suspicion of foul play
troubled him when
X

[0128]

X D^r Kirk wrote on the
18th May that he felt the
greatest grief & indignation
at my losses - But on May
the 27th or nine days
later he publicly declared
in presence of J.F Webb
the American Consul -
M^r Stanley and three other
gentlemen that he declined
to do anything for me because
he should only get insulted
The occasion of his refusal
~~was~~ to aid by sending his
dragoman to hasten the
men secured by M^r Stanley
was the impending sailing
of the steamer for England
He added in a parenthesis
officially I will but actually
refused & justified his
act by the quibble of the
refusal being non official
If I am not misinformed
while holding the office
and drawing the pay of
consul his public acts
and declarations were as
official as the grief & X
indignation

[0129]

[Calculation of total manpower available from various sources.]

[Dated calculation of total manpower available from various sources.]

[Calculation of total manpower available from various sources.]

25 Aug leave Unyanyembe

25 Sept^r

25 Oct^r Fipa

[0130]

find Dawson struck "for higher
wages" or because he had
been put on half pay M^r
New struck because he
had quarreled with M^r Henn
and M^r Henn resigned
and like Dawson left
\$4000 worth of property
lying at Bagamoio Do
the hindmost and probably
they would all have acted
in same part with ^the Agincourt
but for fear of court
martials Free Naval
Officers from the terrors
of courts martial, and
you deprive them of all sense
of responsibility as gentlemen
Some would turn tail
on breaking the photo-
-graphs of wives or
sweethearts even - The
vivid hope that pro-
-motion is near seems
their only X impelling
motive in exertion - there
seems in the average
naval officer no enthusiasm

[0131]

11th Sept 1872 Mwara's
the " Help & relief Expⁿ" was
advised to wait till the
rains should cease = that

is daw-dle in inactivity
for three months, and allow
all their good intentions
to ooze out at their finger
ends - there they lay on a
most unhealthy island
till strongly urged to
shew the white feather
and they did it = resigned or
"struckwork" - I did not wait
a day for the cessation of
the rains, but went off
in the middle of the Masika
Stanley did the same or
rather at the beginning of the
heavy rains - no pagazi
could he get but he went to
the mainland and soon
secured 140 pagazi and
30 freemen - He went
right through with the
great Masika pouring
down on him & then came
back through it all to

[0132]
trivial things = the
Grand Llama sitting
in immovable con-
templation of nothing
is a good example of
what the human mind
would regard as majesty
but the gospels reveal
Jesus the manifestation
of the blessed God over
all as minute in his
care of all - He exercises
a vigilance more
constant, complete &
comprehensive every
hour & minute over
each of his people than
their utmost self love
could ever attain -
His tender love is more
exquisite ✓ than a
mothers heart can feel

[0133]

If we speak of strength
Lo He is strong - The
Almighty = The Over Power
the Mind of the Universe
the heart thrills at the
idea of his greatness = all the
great among men have
been remarkable at once
for grasp and minuteness
of their knowledge =

Great Astronomers
seem to know every iota
of the knowable - The
Great Duke when at the
head of armies could
give all the particulars to
be observed in a cavalry
charge = and took care
to have food ready for
all his troops = Men
think that greatness
consists in lofty
indifference √ to all

[0134]

Podophyllum peltatum

Twarisiwa = a slave
woman who followed us
and then on her master's
messenger appearing
threw herself at my feet
and grasped my legs -
wrote to her master and
begged that she should
not be beaten = said that
I would enquire when
I returned = she was very
good looking & of fine
form = a button on the
side of the nose for
beauty rather detracted
from her pleasant
countenance but she
evidently thought not

so-

Sunbirds nest was
destroyed by some one
unknown to me = maybe
one who looked up at
the wagtails singing & said "Kelela"

[0135]

Antagonism of opinions
Life's work = G^d Manners
geniality of disposition
Hard work S R Peel = lay
mind alongside the native
Large allowances for those
reared in idolatry - Little
gardeners like little min^{ies}
Each hour & moment w
vigilance to which utmost
selflove could never attain
Dir. have accumulated
experience - though changing
the stock is increased
while Indepence of wild
asses' colts' have none -
Fact & opinion 2
Rhinoceroses story

X

[0136]

web from the inner
stiff paper web in
order to make a
nest between the
two - the outter web
is a thin coating
of loose threads - the
inner is tough
paper impervious
web like wasp's
hive but stronger
The hen brings fine
root fibres & places
them round a hole
1½ inch in diameter
then works herself
in between the two
webs and brings
cotton to line the

inside formed by her ✓
body -

[0137]
5th August cont^d the
Sun birds come to a
mass of spiders web
formed by a certain
to pick out young spiders
Nectar of flowers
is but part of their
food - the insects in
or at the nectar could
not be ~~sep~~ separated
and hence have been
made an essential
part of their diet ✓

9th It now appears
that the Sun birds
when appearing to
pick out young
Spiders probably did
so but ended in de-
taching the outer
coating of spiders
✓

[0138]
all his life long in the
apparition of the
livid hand & arm

a couple of rufous
brown headed & dirty
speckled breasted
swallows appeared
today for the first
time this season
and lighted on the
ground - This is the
kind that builds here
in houses and as
far South as Shupanga
on Zambesi and
at Kuruman - 5th Aug -
Sun birds visit
a mass of spider's

webb regularly today
5th August 1872

[0139]

"Hugh Miller's father
perished at sea when
he was but five years
of age - On the night of the
father's death Hugh saw
at the open door within
less than a yard of his
breast, as plainly as
ever he saw anything,
a dissevered hand &
arm stretched toward
him. Hand and arm
were apparently those of
a woman; they bore a
livid and sodden appear-
-ance, and directly ^in front
him, where the body
ought to have been, there
was only blank, trans-
-parent space, through
which he could see the
dim forms of objects
- beyond" Hugh believed

[0140]

several games
They also shoot birds
with bows and teach
captured linnets to
sing - They are expert
in making gins and
traps for small animals
& birds and in making
and using birdlime -
They make play guns
of reed which go off
with a trigger ^& spring with
a cloud of ashes, for
smoke - sometimes
they make double
barreled guns of clay
& have cotton fluff as
smoke - Manyuema
boys shoot locusts
with small toy
bows very cleverly -

[0141]

Baganda count five
months as a year
Three months of rain -
two of dry weather and
then rain again ✓

In many parts one
is struck by the fewness
of games among the
children - Life is a serious
business and amusement
is derived from imita-
ting the vocations of
their parents - Hut
building - making
little gardens - bows
arrows shields & spears
Elsewhere boys are
very ingenious little
fellows and have

[0142]

He was animated by
love of justice and he
has furnished an
example to be loved as
well as to be admired
of all the qualities which
combine to make the
English Empire possible
and useful "Times"

[0143]

Sir James Outram's
career was a brilliant
illustration of ordinary
English work and English
character in India -
this, he himself delighted
to insist - but in the
discharge of ordinary
duty he never forgot
the spirit of chivalry -
Most Indian commanders
have been men of modest
origin, single aims

and simple expectations
A great task is laid
on them and they fulfil
it to the uttermost revealing
under pressure of
circumstances, qualities
which are an honour
to our race & our country -

[0144]
concealing it on his
person because he
knew that on its
production his wages
depended - Every one ther
elseafter sent to Lewale
disappeared - and
one put in an Arab
packet was extracted
while the packet went
to its destination - the
Arabs outside the Ring
were not only obliging
but generous with
their goods though
their presents were
made at the expense
of their trade - I took
care to refund all I
got but still they
were the Antipodes to
the members of the Ring

[0145]
and no evidence was
to go to the coast - From
that day to this every
letter sent here has been
destroyed - The Arabs
outside the Ring had no
objection to convey
letters - Thus a letter
of July 1868 from near
Bangweolo was safely
delivered though the
three headmen of the
Arab party were slain
by a tribe in the way -
The slaves took it on &
other notes were taken
on by Syde bin Ali &

Ghamees Woodin
Tagh - and Musa the
buffalo driver took
his letter on by

[0146]
and the whole region
from Unyanyembe
to Ujiji & beyond was
occupied by his
agents - It was not
easy to find an Arab
who was not a
Banian agent any
where - the first notice
I had of the existence of
this ring was when a
weakling Thani bin
Suellim refused to
send on my letters as
he said "because he
did not know what
words they contained"
I soon learned that
the Lewale or governor
had by his slave
plundered my goods

[0147]

The Zanzibar slave
trading ring is com-
-posed chiefly of our
fellow subjects the
Indian Banians and
a comparatively few
low Arabs - The
Banian money is the
mainspring of it all -
They have managed to
get a creature of their
own Syde bin Salem
made "Lewale" The only
semblance of Arab
authority in the whole
interior of East
Africa - Ludha was
the chief slaver - the
chief money lender
to Arabs & Banians

[0148]

has to stoop to the task
even in his old age but
he may like it as a
way of doing good
and one like him
will get the best of
good fare = some
ministers relish it
as holiday work
and are glad of the
annual t[...] ur it
gives to those whose
salaries do not allow
ought but plain fare
and constant work
at home

[0149]

The Mendicant Friar
as introduced by the
saintly Neer do weel
St Francis de Assisi
was simply a sturdy
beggar, and his place
is nowadays taken
up by the Begging
Parson - who with all
the approved appliances
of modern times
follows much the
same occupation
The London Missionary
Society tried to enlist
me as one of the begging
fraternity & offered to
"send a man with me
throughout the country"
but I rebelled - & fear
most M^r Moffat

[0150]

Shuale = January
Ekaade = February
Hafi = March
Meharram April
Safur = May
Rabie auale June
Rabie Aghere = July
Yamadeauale ^August

Yamadeugiere Sep^t
Radyab = October
Shabane = Nov^r
Ramadan = Dec
m The Arabs count days
= 6 m of 29 days & 6 m of 30 days

[0151]
Annotated insert from the Stirling University Conservation Project from 1986.

[0152]
354 days
instead of 365 - throwing
eleven days away

[Calculations.]

[0153]